HCD-D570/N355/N355K

SERVICE MANUAL

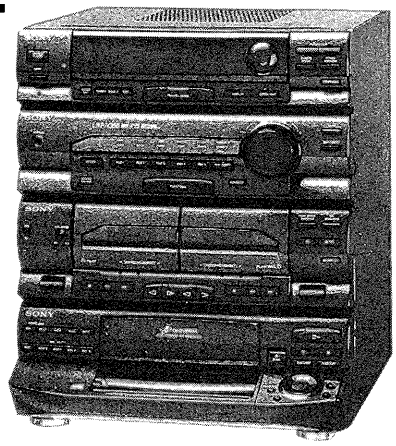


Photo : N355 (E) model

US Model
Canadian Model
HCD-D570
AEP Model
UK Model
Australian Model
PX Model
HCD-N355
E Model
HCD-N355/N355K

These set are the tuner, deck, CD and amplifier section in LBT-D570, LBT-N355 and LBT-N355K.

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol ⧈ are trademarks of Dolby Laboratories Licensing Corporation.

CD SECTION	Model Name Using Similar Mechanism	HCD-D270/G3100/N255
	CD Mechanism Type	CDM37-5BD19
	Base Unit Type	BU-5BD19
	Optical Pick-up Type	KSS-213BA/S-N
TAPE DECK SECTION	Model Name Using Similar Mechanism	HCD-N350
	Tape Transport Mechanism Type	TCM-220WR2E

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 ohm loads, both channels driven, from 70 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0,9% total harmonic distortion from 250 milliwatts to rated output.

CD player section

System: Compact disc and digital audio system
Laser: Semiconductor laser (λ = 780 nm)
Emission duration: continuous
laser output: Max 44.6 µW*
* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Wavelength: 780 – 790 nm

SPECIFICATIONS

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

87.5 – 108.0 MHz (50 kHz step)
Aerial: FM wire aerial
Aerial terminals: 75 ohm unbalanced
Intermediate frequency: 10.7 MHz

AM tuner section

Tuning range
German and Italian models:
AM: 531-1, 602 kHz
AEP, UK, East European models:
MW: 531-1, 602 kHz
LW: 153-279 kHz (with the tuning interval set at 3 kHz)
Saudi Arabia model:
MW: 531 – 1,602 kHz (with the MW tuning interval set at 9 kHz)
SW: 5.95 – 17.90 MHz
Other models:
AM: 531 – 1,602 kHz (except D570 model)
531 – 1,710 kHz (D570 model)
(with the AM tuning interval set at 9 kHz)
530 – 1,710 kHz (with the AM tuning interval set at 10 kHz)

— Continued on next page —

COMPACT DISC DECK RECEIVER

SONY®

Aerial AM loop aerial
External aerial terminals

Intermediate frequency
450 kHz

Tape player section

Recording system
4-track 2-channel stereo

Frequency response
(DOLBY NR OFF)
40 – 13,000 Hz (±3 dB), using SONY TYPE I cassette
40 – 14,000 Hz (±3 dB), using SONY TYPE II cassette

Wow and flutter
±0.15% W.Peak (IEC)
0.1% W.RMS (NAB)
±0.2% W.Peak (DIN)

Amplifier section

Peak music power output:
AEP, UK, German, Italian, East European models:
(55 W + 55 W) (6 Ω at 1 kHz, 0.7% DIN)
Other (except D570) models:
1,000 W (6 Ω at 1 kHz, 10% THD)

Continuous RMS power output:
AEP, UK, German, Italian, East European models:
(65 W + 65 W) (6 Ω at 1 kHz, 10% THD)
US model: 100 W + 100 W (8Ω at 70 – 20,000 Hz, 0.9% THD)
Canadian model:
100 W + 100 W (8Ω at 1 kHz, 5% THD)
Other models:
(60 W + 60 W) (6 Ω at 1kHz 10% THD)

Music power output:
AEP, UK, German, Italian, East European models:
(110 W + 110 W) (6 Ω at 1 kHz, 10% THD)

Inputs
PHONO (phono jack):
Sensitivity 3 mV, impedance 47 kilohms
VIDEO (AUDIO) (phono jack):
Sensitivity 250 mV , impedance 47 kilohms
MIC (phone jack): (N355: E, Australian, Mexican, PX, Aregentine/N355K models)
Sensitivity 1 mV, impedance 10 kilohms

Outputs
PHONES (phone jack):
accept headphones of 8 ohms or more
SPEAKER: accept impedance of 8Ω (D570 model), 6 to 16 ohms (Other models)
SURROUND SPEAKER:
(Malaysian, Mexican and Singapore models)
accept impedance of 16 ohms
(Other models)
accept impedance of 8 to 16 ohms

General

Power requirements
AEP, UK, German, Italian, East European models:
220-230 V AC, 50/60 Hz
Australian model:
240 V AC, 50/60 Hz
US, Canadian, Mexican models:
120 V AC, 60 Hz
Malaysian model:
220 - 240 V AC, 50/60 Hz
Thailand model:
220 V AC, 50/60 Hz
Other models:
110 - 120 V or 220 - 240 V AC adjustable, 50/60 Hz

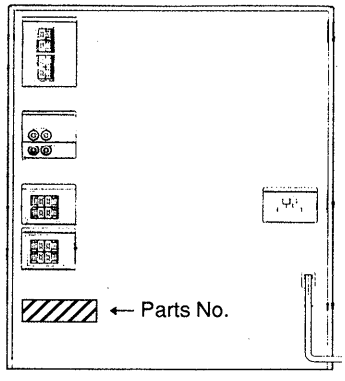
Power consumption
160 W (AEP, UK, German, Italian, East European models)
250 W (US model)
310 VA (Canadian model)
185 W (Other models)

Dimensions
Approx. 355 × 425 × 400 mm
(14 × 16 3/4 × 15 3/4 inches) (w/h/d)
incl. projecting parts and controls

Mass
Approx. 11 kg (24 lb 4 oz.) (AEP, UK, German, Italian, East European models)
Approx. 11.7 kg (25 lb 13 oz.)
(Other models)
Approx. 11.9 kg (26 ib 4 oz.)
(D570 model)

Design and specifications subject to change without notice.

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PARTS No.
N355 : AEP model	4-978-189-0□
N355 : German model	4-978-189-1□
N355 : Italian model	4-978-189-2□
N355 : UK model	4-978-189-3□
N355 : East European model	4-978-189-5□
D570 : US model	4-978-189-6□
D570 : Canadian model	4-978-189-7□
N355 : E model	4-978-190-0□
N355 : Argentine model	4-978-190-1□
N355 : Australian model	4-978-190-2□
N355 : PX model	4-978-190-3□
N355 : Mexican model	4-978-190-4□
N355K : E, Indonesian model	4-978-190-5□
N355K : Saudi Arabia model	4-978-190-6□
N355K : Singapore (SP2) model	4-978-190-7□
N355K : Singapore (SP4) model	4-978-190-8□
N355K : Malaysia, Thailand model	4-978-190-9□

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- Abbreviation
  - CND : Canadian model.
  - G : German model.
  - IT : Italian model.
  - EE : East European model.
  - EA : Saudi Arabia model.
  - MX : Mexican model.
  - SP : Singapore model.
  - MY : Malaysia model.
  - AUS : Australian model.
  - AR : Argentine model.
  - TH : Thailand model.
  - IA : Indonesian model.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This appliance is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

CAUTION	:	INVISIBLE LASER RADIATION WHEN OPEN, AVOID EXPOSURE TO BEAM.
ADVARSEL:		USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDS ÆTTELSE FOR STRÅLING.
VARO!	:	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA LASERSÄTEILYLLE.
VARNING	:	LASERSTRÅLING NÄR DENNA DEL ÄR OPPNAD OCH SPÄRREN ÄR URXOPPLAD.
ADVERSEL:		USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES UNNGÅ EKSPONERING FOR STRÅLEN.

This caution label is located inside the unit.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

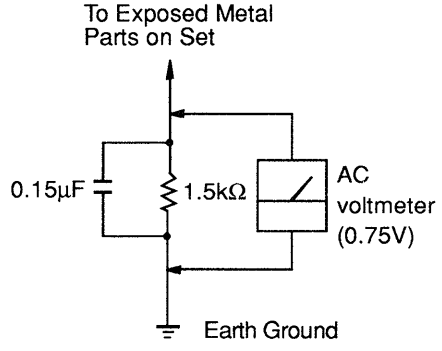


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SERVICING NOTE

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

[FL Dispaly Tube, LED All Lit and Key Check mode]

When the [TUNER/BAND], [DISPLAY/DEMO], and [FILE 2] buttons are pressed simultaneously, the FL display tube and LEDs will all light up. Press any button to enter the key check mode.
When the key check mode is entered, the FL display tube displays "K 1 J0 V0". Each time a button is pressed, the counter increases in the following order, K 2 → K 3 → K 4.
If buttons already pressed once are pressed again, the counter will not increase. When the VOLUME knob is rotated in the + direction, the count increases in the following order.
V1 → V2 → V3.
When rotated in the – direction, it decreases in the following order.
V0 → V9 → V8.
When the AMS dial is rotated in the clockwise direction, the count increases in the following order.
J1 → J2 → J3.
When rotated in the counterclockwise direction, it decreases in the following order.
J0 → J9 → J8.
To exit form the test mode, press the [TUNER/BAND], [DISPLAY/DEMO], [FILE 2] buttons simultaneously again.

[Switching the channel step 9 KHz/10 KHz]

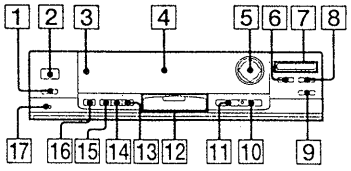
Press [ENTER/NEXT] button and [POWER] button simultaneously to switch the AM channel step 9 KHz and 10 KHz. Be sure not to change with carelessness.

SECTION 1
GENERAL

This section is extracted from instruction manual.

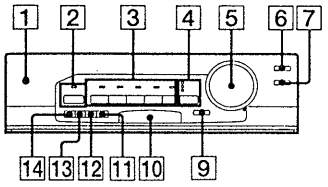
Front Panel

Tuner section



1 SLEEP button (23)
2 SYSTEM POWER switch (7)
3 Remote sensor
4 Display window (30)
5 CURSOR CONTROL buttons (6, 21)
6 TUNING MODE button (12)
7 TUNING +/– buttons (12)
8 TUNER MEMORY button (13)
9 STEREO/MONO button (12)
10 ENTER/NEXT button (6, 9, 21)
11 DISPLAY/DEMO button (6, 8, 21)
12 TUNER/BAND button (12, 18, 24)
13 REC button (24)
14 DAILY 2 button (23)
15 DAILY 1 button (23)
16 TIMER SET button (23)
17 CLOCK SET button (6)

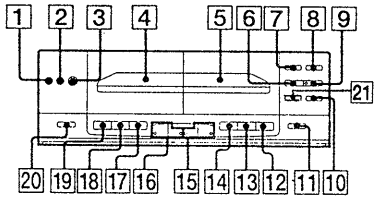
Amplifier section



1 PHONES jack (20)
2 EFFECT button/indicator (20)
3 FILE 1 – 5 buttons/indicators (20, 21)
4 FILE SELECT button/indicators (20, 21)
5 VOLUME control (7, 20)
6 DBFB button (20)
7 **SURROUND button (15, 21)**
9 MEMORY button (22)
10 FUNCTION button (7, 14)
11 # UP button* (26)
12 ♭ DOWN button* (26)
13 ECHO button* (25)
14 **KARAOKE PON/MPX button (25) (N355: E, MX, AR, AUS, PX/N355K)**

* **HCD-N355K only**

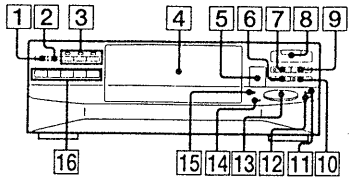
Tape player section



1 MIC (MIC 1*) jack (25)
2 MIC 2 jack (25) **(N355K only)**
3 **MIC LEVEL control * (25)**
4 Cassette compartment for DECK A (14)
5 Cassette compartment for DECK B (14)
6 ⏸ (pause) button (14)
7 HIGH SPEED DUBBING button (19)
8 CD SYNCHRO button (15)
9 REC (recording) button (15)
10 DIRECTION button (15)
11 ⏏ EJECT button for DECK B (14)
12 ▷▷ (fast rightward) button for DECK B (14)
13 ◁◁ (fast leftward) button for DECK B (14)
14 □ STOP button for DECK B (14)
15 ◁/▷ (play) button for DECK B (14)
16 ◁/▷ (play) button for DECK A (14)
17 ▷▷ (fast rightward) button for DECK A (14)
18 ◁◁ (fast leftward) button for DECK A (14)
19 □ STOP button for DECK A (14)
20 ⏏ EJECT button for DECK A (14)
21 **DOLBY NR button (D570/N355: AEP, UK, G, IT, EE models)**

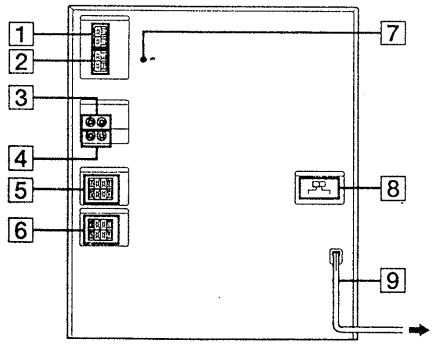
* N355: E, AUS, PX, MX, AR/N355K only

CD player section

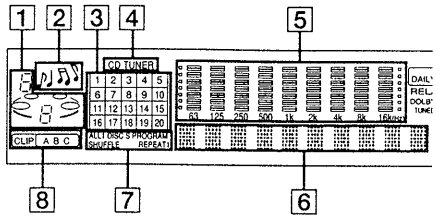


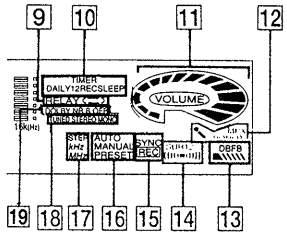
1 MUSIC CLIP PLAY button (11)
2 MUSIC CLIP ERASE button (11)
3 CLIP A, B, C buttons/indicators (10)
4 Front cover (7)
5 ⏏ OPEN button (7)
6 DISC SKIP button (7)
7 ⏸ (pause) button (7)
8 ▷ (play) button (7)
9 □ (stop) button (7)
10 AUTO button/indicator (7)
11 PROGRAM button (9)
12 REPEAT button (9)
13 JOG dial (7)
14 SHUFFLE buttons (8)
15 CONTINUE button (7)
16 DISC 1 – 5 buttons (7)

Rear Panel



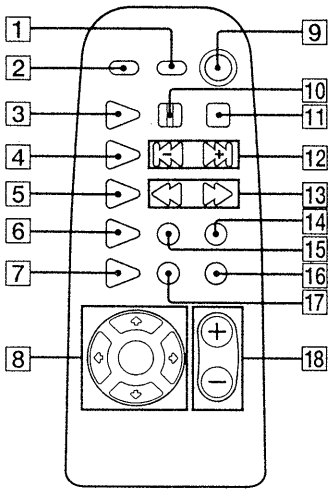
1 AM terminal (4)
2 FM 75Ω terminal (4)
3 PHONO IN jacks (26)
4 VIDEO (AUDIO) IN jacks (26)
5 SPEAKER connectors (5)
6 SURROUND SPEAKER connectors (5)
7 ⏚ ground terminal (5)
8 **VOLTAGE SELECTOR (N355: E, PX, AR/N355K: E, EA, IA models)** (6)
9 AC power cord (6)





1 Disc calendar (7)
2 Demo mode indications (6)
3 Music calendar (7)
4 CD/TUNER indication (7)
5 Graphic Equalizer indication (21)
6 Multi-display (7, 12, 21)
7 CD play mode indications (8)
8 CLIP indicator (11)
9 Tape direction mode indication (14)
10 Timer indication (24)
11 VOLUME indication (7)
12 KARAOKE PON/MPX R L indication (25) **(N355: E, AUS, PX, MX, AR/N355K models)**
13 DBFB indication (20)
14 SUR indication (15, 21)
15 SYNC REC indicator (15)
16 Tuning mode indications (12)
17 STEP/frequency waves indication (12)
18 TUNED/STEREO/MONO indications (12)
19 **DOLBY NR B indication (D570/N355: AEP, UK, G, IT, EE models)**

Remote



1 SLEEP button (23)
2 LOOP button (10)
3 CD ▷ (play) button (7)
4 TUNER/BAND ▷ button (12)
5 DECK A ▷ button (14)
6 DECK B ▷ button (14)
7 FUNCTION button (7, 14)
8 MUSIC MENU buttons (20)
9 POWER button (7)
10 ⏸ (pause) (7)
11 □ (stop) (7)
12 ⏮ / ⏭ buttons (7)
13 ◁ / ▷ buttons (8)
14 EDIT button (16)
15 CHECK button (9)
16 DISC SKIP button (9)
17 CLEAR button (9)
18 VOL (volume) +/– buttons (7, 20)

- Abbreviation
  CND : Canadian model.
  G : German model.
  IT : Italian model.
  EE : East European model.
  EA : Saudi Arabia model.
  MX : Mexican model.
  SP : Singapore model.
  MY : Malaysia model.
  AUS : Australian model.
  AR : Argentine model.
  TH : Thailand model.
  IA : Indonesian model.

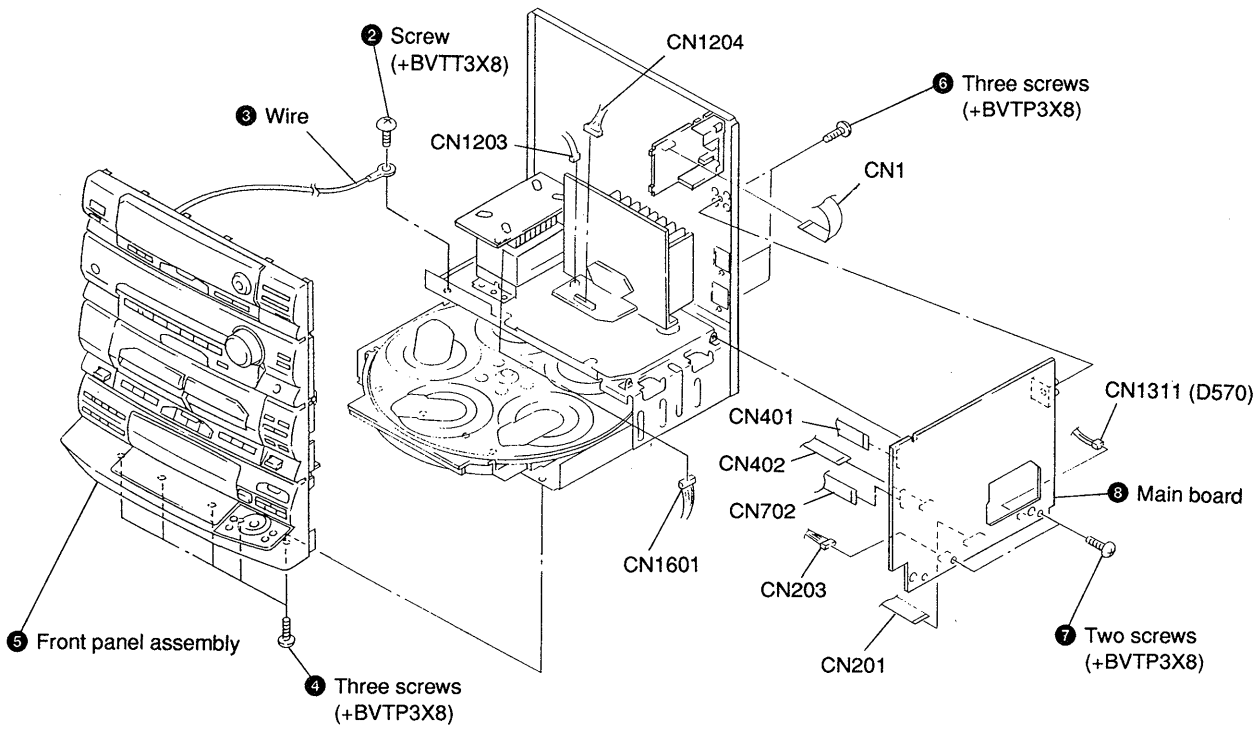
SECTION 2

DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

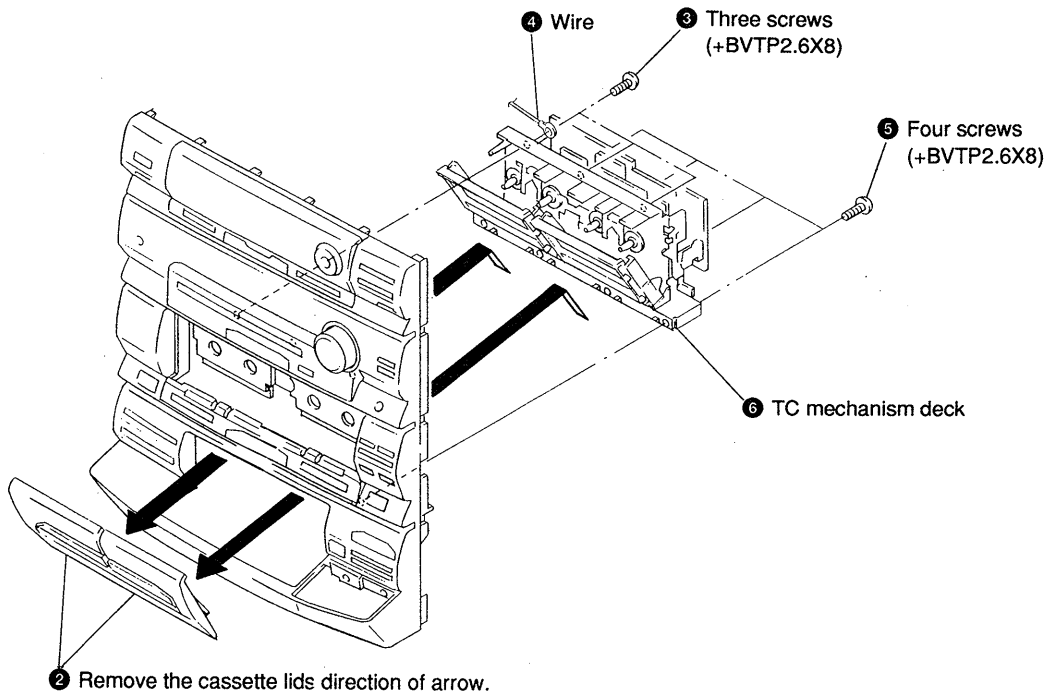
2-1. FRONT PANEL ASSY AND MAIN BOARD

❶ Remove the connectors.

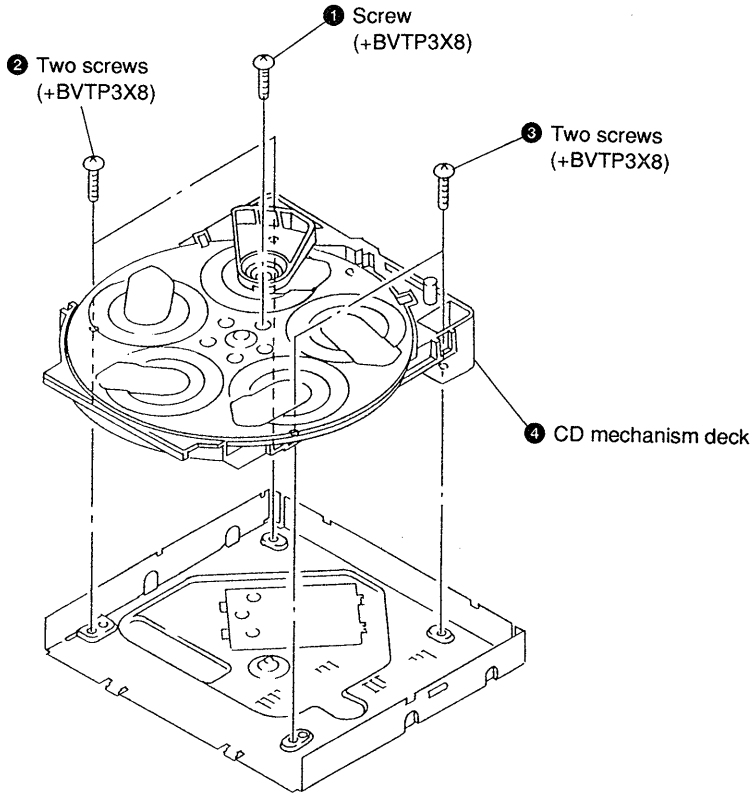


2-2. TC MECHANISM DECK

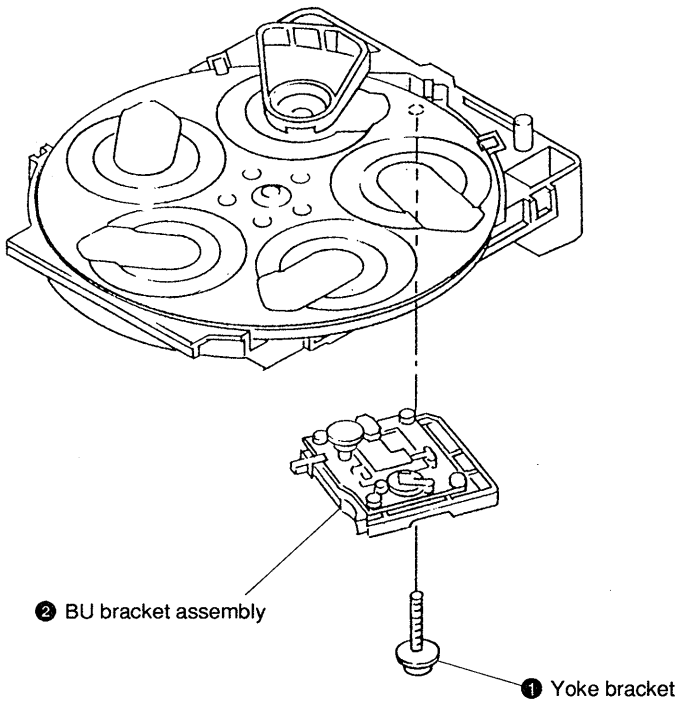
❶ Push the EJECT button.



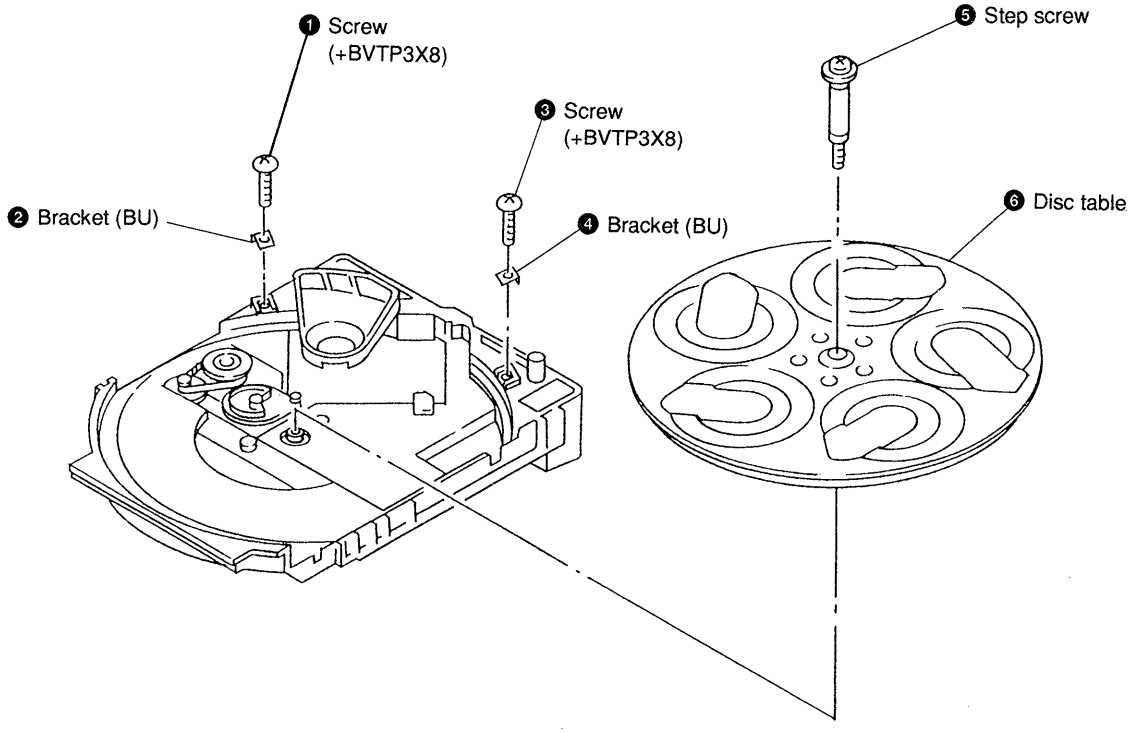
2-3. CD MECHANISM DECK



2-4. BU BRACKET ASSY



2-5. DISC TABLE



SECTION 3
MECHANICAL ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured alcohol-moistened swab :
   record/playback heads — pinch rollers
   erase head — rubber belts
   capstan — idlers
2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61g • cm (0.5 – 0.84 oz • inch)
FWD back tension	CQ-102C	2 to 6g • cm (0.02 – 0.08 oz • inch)
REV	CQ-102RC	36 to 61g • cm (0.5 – 0.84 oz • inch)
REV back tension	CQ-102RC	2 to 6g • cm (0.02 – 0.08 oz • inch)
FF/REW	CQ-201B	61 to 143g • cm (0.85 – 1.99 oz • inch)
FWD tension	CQ-403A	100g or more (3.53 oz or more)
REV tension	CQ-403R	100g or more (3.53 oz or more)

SECTION 4
ELECTRICAL ADJUSTMENTS

DECK SECTION | 0 dB=0.775V

1. Demagnetize the record/playback head with a head damagnetizer.
2. Do not use a magnetized screwdriver for the adjustments.
3. After the adjustments, apply suitable locking compound to the parts adjusted.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
5. The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
6. The adjustments should be performed for both L-CH and R-ch.
7. Switches and controls should be set as follows unless otherwise specified.
   DOLBY NR switch : OFF (D570/N355 : AEP, UK, German, Italian, East European model)
8. Set to test mode. (Press key switch simultaneously [DISPLAY/DEMO], [TUNER/BAND] and [FILE 1] button.)

Tape	Signal	Used for
P-4-A100	10 kHz, –10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

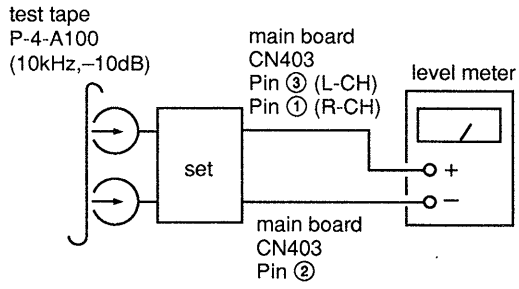
Record/Playback Head Azimuth Adjustment

DECK A | DECK B

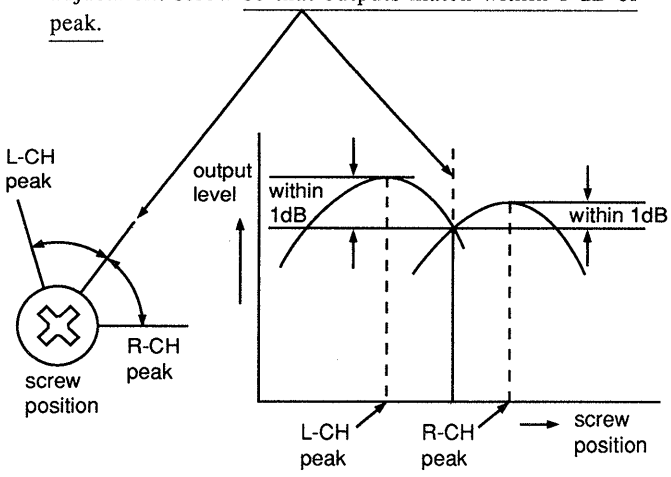
Note : Perform this adjustments for both decks.

Procedure :

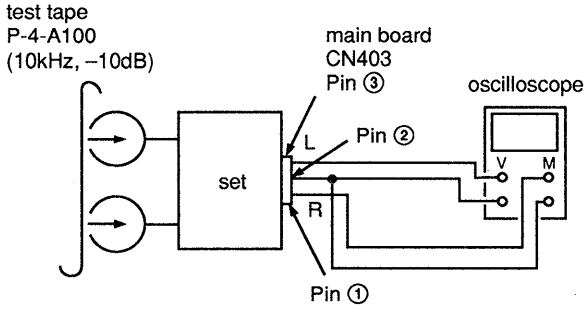
1. Mode : Playback (FWD)

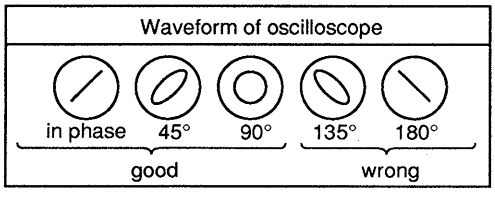


2. Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.



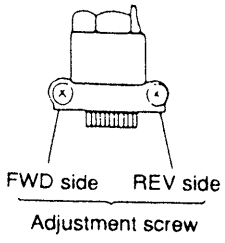
3. Mode : Playback (FWD)





4. Repeat steps 1 to 3 in playback (REV) mode.
5. After the adjustments, apply suitable locking compound to the parts adjusted.

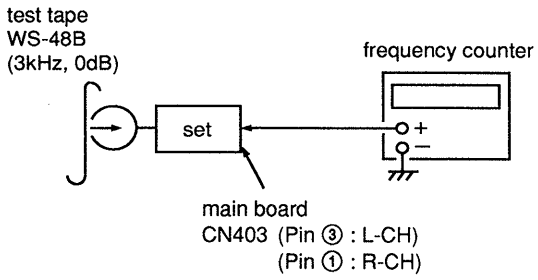
Adjustment Location : Record/Playback Head (Deck A and B)



Tape Speed Adjustment DECK A

Procedure :

Mode : Playback (FWD)



High speed adjustment

1. Set to test mode. (See page 11)
2. Insert the WS-48B to the deck A to playback.
3. Press the HIGH SPEED DUBBING button. Then at HIGH speed mode.
4. Adjust RV652 on the MD board so that the frequency counter reading becomes 6,000 ± 30 Hz.
5. Press the HIGH SPEED DUBBING button again to be set the NORMAL SPEED mode.

Normal speed adjustment

1. Set to the playback mode.
2. Adjust RV651 on the MD board so that the frequency counter reading becomes 3,000 ± 15 Hz.

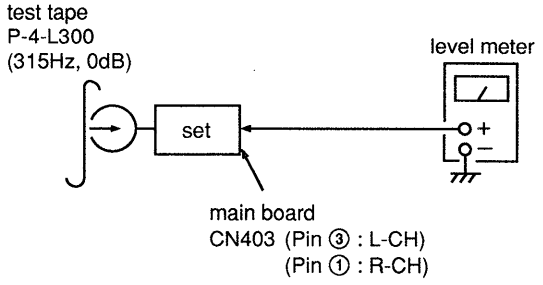
Frequency difference between deck A and deck B the beginning of the tape should be within ± 1.5%.

Adjustment Location : MD board

Playback Level Adjustment DECK A DECK B

Procedure :

Mode : Playback (FWD)



Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH) so that adjustment within the following adjustment level.

Adjustment level :

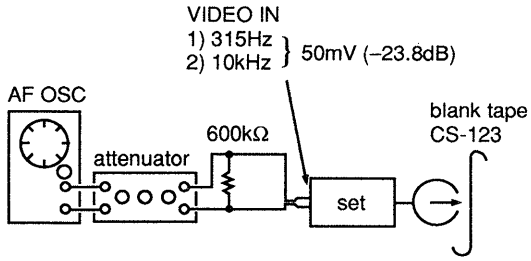
CN403 PB level: 301.5 to 338.3 mV (–8.2 to –7.2 dB)
level difference between the channels: within ±0.5 dB

Adjustment Location : MD board

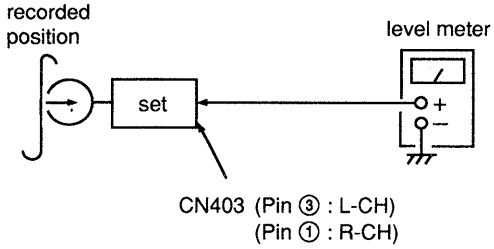
Record Bias Current Adjustment DECK B

Procedure :

1. Mode : record



2. Mode : Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.
If these levels do not adjustment level, adjust the RV341 (L-CH) and RV441 (R-CH) on the MD board to repeat step 1 and 2.

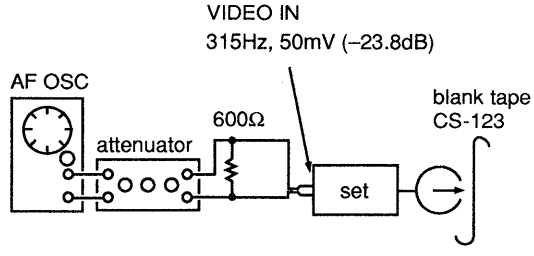
Adjustment level : The playback output of 10 kHz level difference against 315Hz reference should be ± 0.5 dB

Adjustment Location : MD board

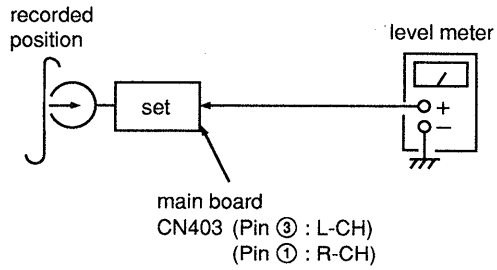
Record Level Adjustment DECK B

Procedure :

1. Mode: record



2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.
If these levels do not adjustment level, adjust the RV301 (L-CH) and RV351 (R-CH) on the main board to repeat steps 1 and 2.

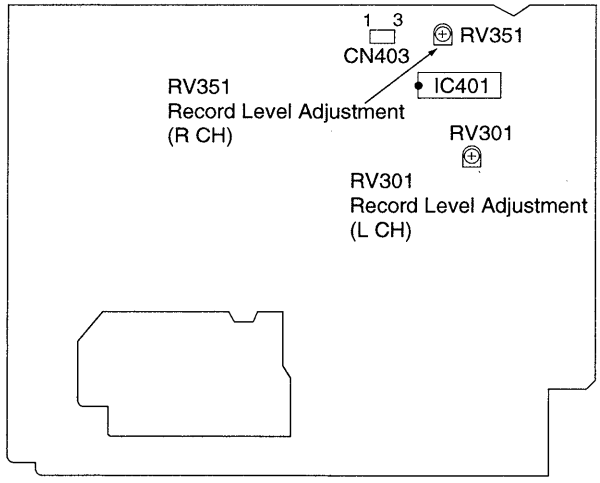
Adjustment level :

CN403 PB level : 47.2 to 53.0 mV (–24.3 to –23.3 dB)

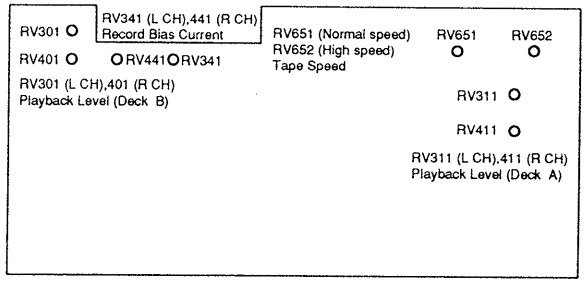
Adjustment Location : main board

Adjustment Location

[MAIN BOARD] (Component Side)



[MD BOARD] (Conductor Side)



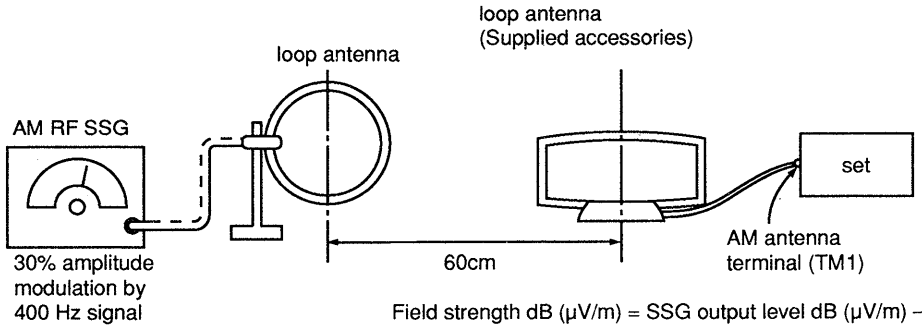
TUNER SECTION | **0dB=1μV**

Note : As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

AM Tuned Level Adjustment

Note : FM Tuned Level Adjustment should be performed after this AM Tuned Level Adjustment.

Setting :



Field strength dB (μV/m) = SSG output level dB (μV/m) –26dB.

Band : AM or MW

Procedure :

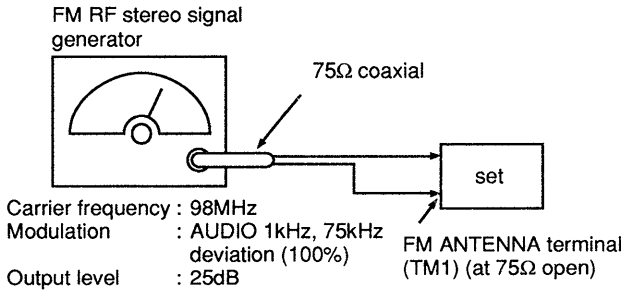
1. Set the output of SSG so that the input level of the set becomes 55 dB.
2. Tune the set to 1,050 kHz (MX, AR models), 999 kHz (other models).
3. Adjust RV41 (AEP, UK, IT, G, EA, EE models), RV42 (other models) to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location : TCB board

FM Tuned Level Adjustment

Note : This adjustment should be performed after AM Tuned Level Adjustment.

Setting :



Band : FM

Procedure :

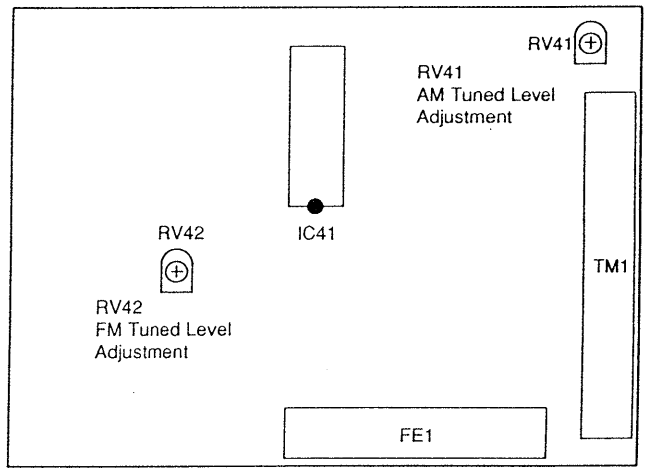
1. Supply a 25 dB 98 MHz signal from the ANTENNA terminal.
2. Tune the set to 98 MHz.
3. Adjust RV42 (AEP, UK, IT, G, EA, EE models), RV41 (other models) to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location : TCB board

Adjustment Location

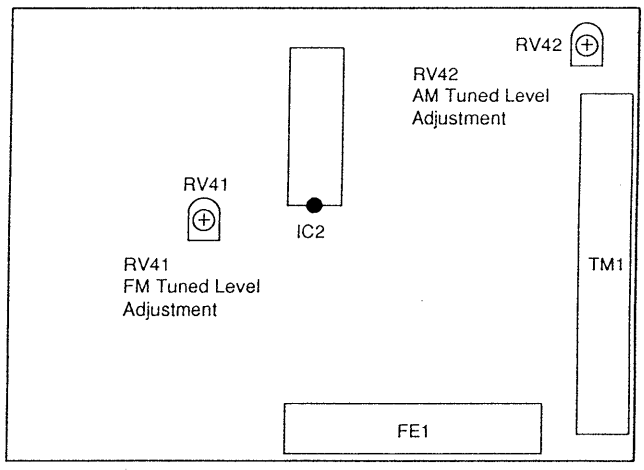
AEP, UK, G, IT, EA, EE model

[TCB BOARD] (Component Side)



Other model

[TCB BOARD] (Component Side)



SW Section Adjustment
(N355K : EA model)
SW OSC Voltage Adjustment

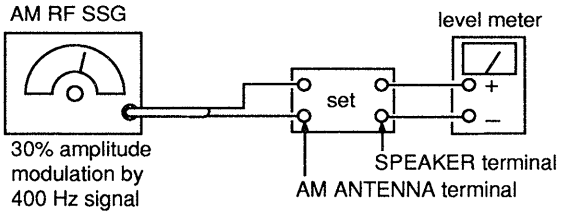
Setting :
Band : SW

Procedure :
1. Connect digital Voltmeter to diode D1 center lead and ground.
2. Adjust for a following value reading on digital voltmeter.

	Set frequency	Adjustment part	Reading on digital voltmeter
SW	5.95 MHz	T2	1.2 ± 0.1 V
	17.9 MHz	CV2	8.5 ± 0.2 V

SW Tracking Adjustment

Setting :
Band : SW



Procedure :

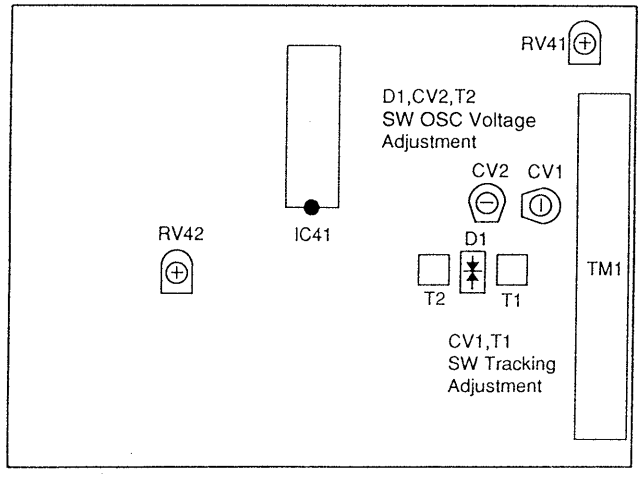
	Set frequency	Adjustment part
SW	7 MHz	T1
	17 MHz	CV1

- Repeat the procedures is each adjustment several times, and the frequency coverage and tracking adjustment should be finally done by the trimmer capacitors.

Adjustment Location : TCB board

- Abbreviation
  G : German model.
  IT : Italian model.
  EE : East European model.
  EA : Saudi Arabia model.
  MX : Mexican model.
  AR : Argentine model.

Adjustment Location : TCB board

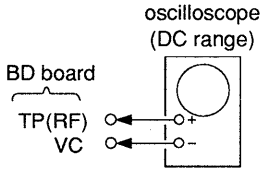


CD SECTION

Note :

1. CD Block is basically designed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use an oscilloscope with more than 10MΩ impedance.
4. Clean the object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.
5. Adjust the focus bias adjustment when optical block is replaced.

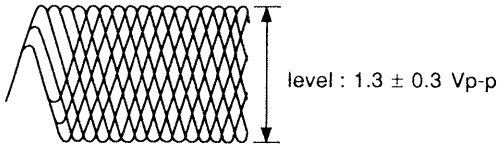
Focus Bias Adjustment



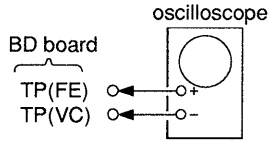
Procedure:

1. Connect oscilloscope to test point TP (RF). (GND terminal : VC)
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Adjust RV101 so that the waveform is clear.
   (Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.)
5. After adjustment, check the RF signal level.

• RF signal
VOLT/DIV : 200 mV
TIME/DIV : 500 nS



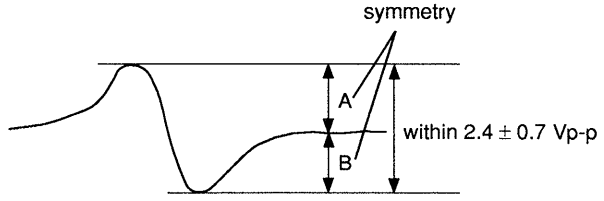
S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FEO).
2. Connect between test point TP (FOK) and GND by lead wire.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and turned Power switch on again and actuate the focus search. (actuate the focus search when disc table is moving in and out.)
5. Check the oscilloscope waveform (S-curve) is symmetrical between A and B. And confirm peak to peak level within 2.4 ± 0.7 Vp-p.

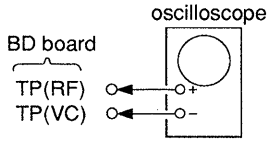
S-curve waveform



6. After check, remove the lead wire connected in step 2.

Note : • Try to measure several times to make sure than the ratio of A : B or B : A is more than 10 : 7.
• Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check



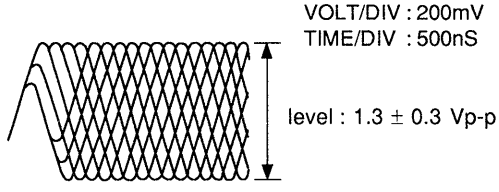
Procedure :

1. Connect oscilloscope to test point TP (RF) on BD board.
2. Turned Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

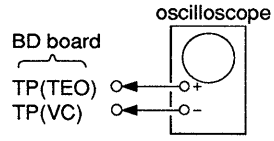
Note :

Clear RF signal waveform means that the shape "◊" can be clearly distinguished at the center of the waveform.

RF signal waveform

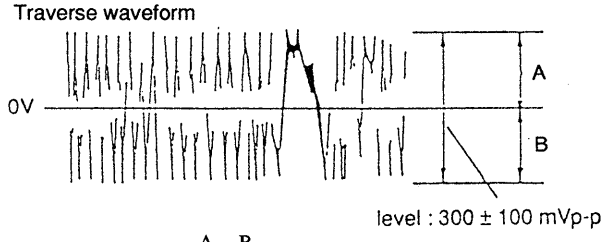


E-F Balance Check



Procedure :

1. Connect test point TP 701 (ADJ) on Main board to GND with a lead wire.
2. Connect oscilloscpe to test point TP (TEO).
3. Turned Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the oscilloscope waveform is symmetrical on the top and bottom in relation to 0Vdc, and check this level.



Specified level : • $\frac{A - B}{2 (A + B)}$ x 100 = less than ± 7%

• A + B = 300 ± 100 mVp-p

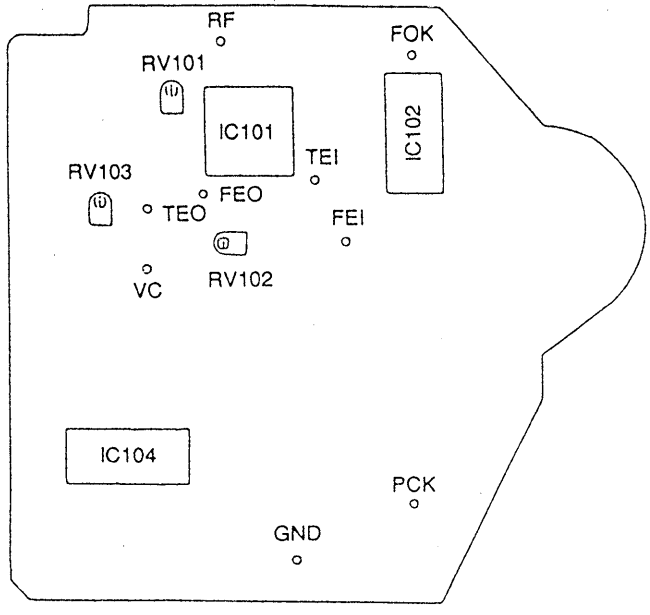
6. Remove the lead wire connected in step 1.

Focus/Tracking Gain Adjustment (RV102, RV103)

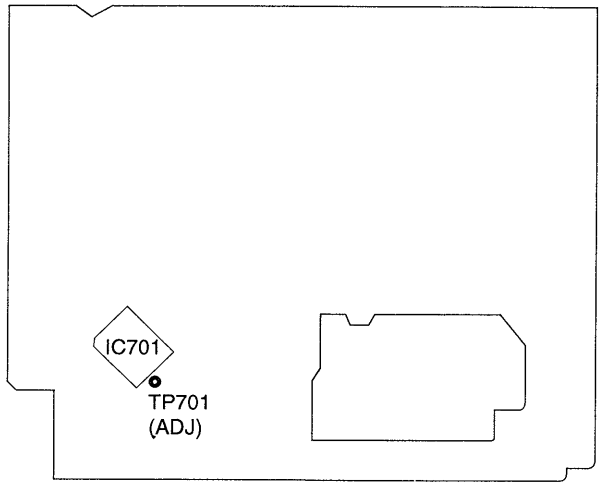
This gain has a margin, so even if it is slightly off.
There is no problem.
Therfore, do not perform this adjustment.
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Location :

[BD BOARD] (Conductor Side)



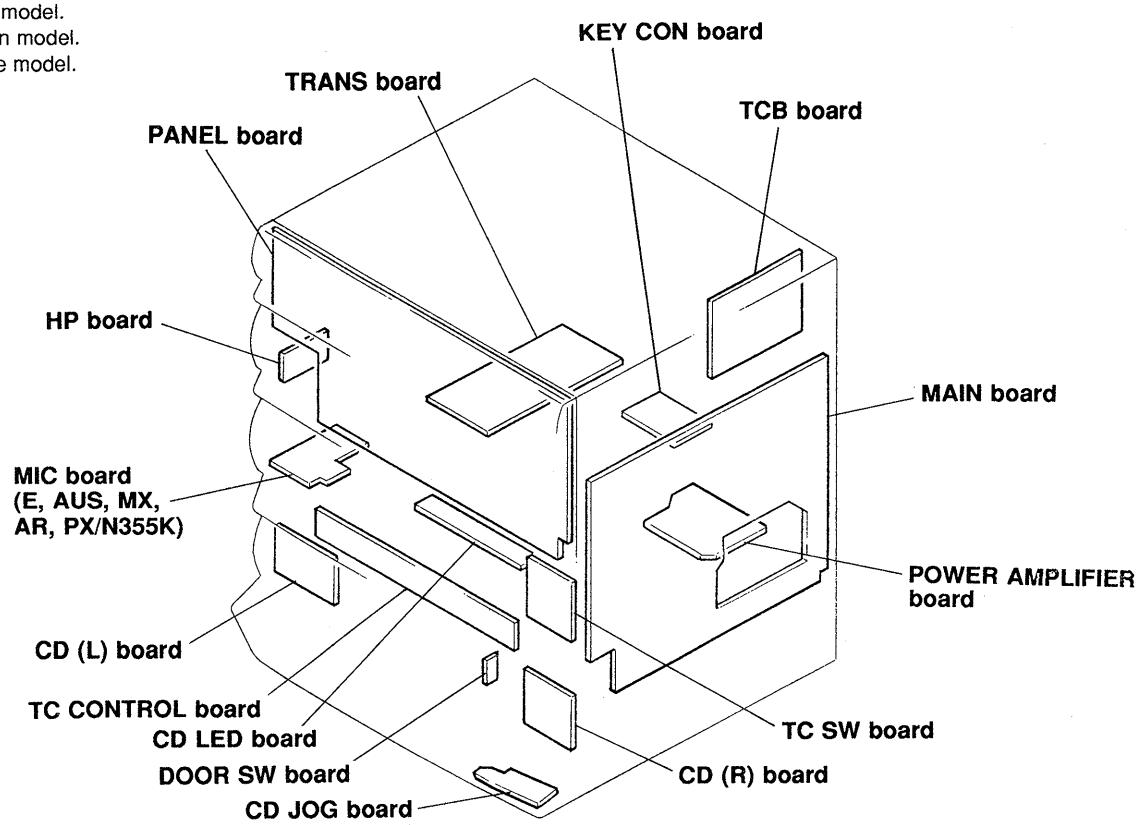
[MAIN BOARD] (Conductor Side)



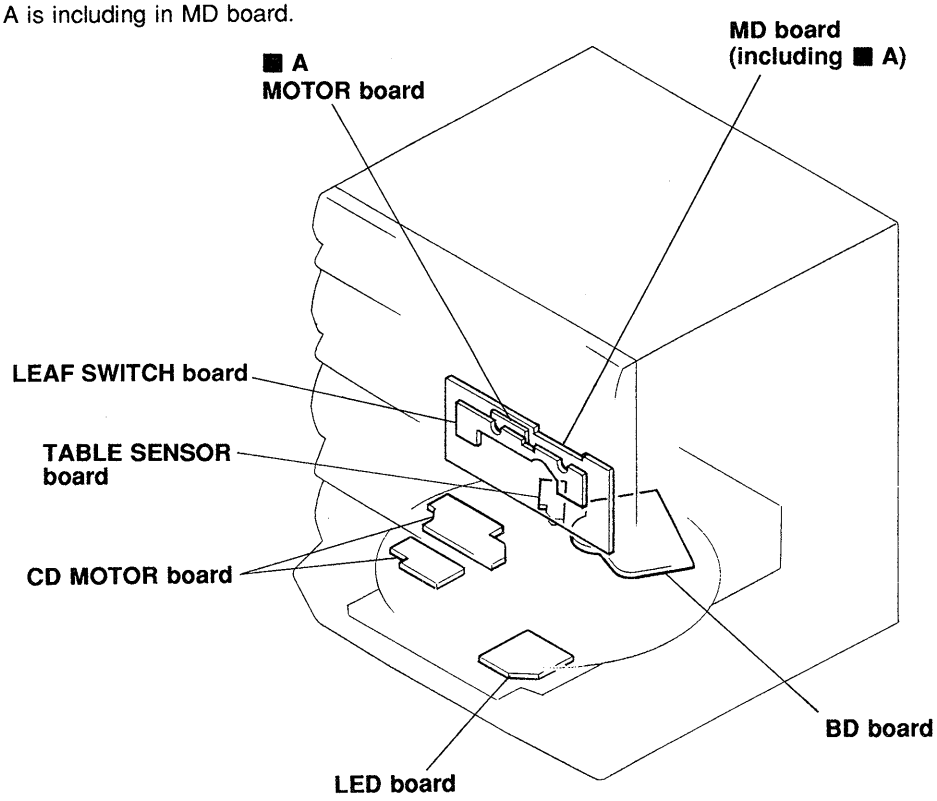
SECTION 5
DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION

- Abbreviation
  MX : Mexican model.
  AUS : Australian model.
  AR : Argentine model.



Note : ■ A is including in MD board.



5-2. IC PIN FUNCTIONS

• IC501 GRAPHIC CONTROL (ASD0204-012-3BA)

Pin No.	Pin Name	I/O	Function
1	V_{DD}	–	+5V
2	$\overline{LED8}$	O	LED drive signal output.
3, 4	$\overline{LED7, 6}$	O	Not used.
5–9	$\overline{LED5–1}$	O	LED drive signal output.
10	$\overline{RESET}$	I	Reset signal input.
11	X2	O	X'tal (4 MHz).
12	X1	I	
13	IC (Vpp)	–	Ground
14	XT2	I	Not used.
15	JOG B	I	AMS encoder signal input.
16	V_{DD}	–	+5V
17, 18	$\overline{LED10, 9}$	O	LED drive signal output.
19	KEY SEL	O	Key select control.
20	VOL B	I	Volume encoder signal input.
21	REQ. GM	O	Reguest signal from/to master control.
22	CLK MG	I	Serial clock input.
23	DATA GM	O	Serial data output.
24	DATA MG	I	Serial data input.
25	AVss	–	Ground
26–29	SPEANA 4–1	I	Spectram analizer signal input.
30–33	KEY 4–1	I	Key matrix input.
34	AV_{DD}	–	+5V
35	AV_{REF}	–	
36	VOL A	I	Volume encoder signal input.
37	JOG A	I	AMS encoder signal input.
38	RDY MG	I	Ready signal from master control.
39	SIRCS	I	SIRCS signal input.
40	V_{SS}	–	Ground
41	DOR SW	I	CD door open detection input.
42	LED SELECT	O	LED select signal output.
43–45	$\overline{LED13–11}$	O	LED drive signal output.
46	V_{DD}	–	+5V
47, 48	LEDS7, 6	O	Not used.
49, 50	LEDS5, 4	O	Not used. (Pull down)
51–53	LEDS3–1	O	LED drive signal output.
54–78	SEG32–8	O	FL segment signal output.
79	V. LOAD	–	–25V for FL
80–86	SEG7–1	O	FL segment signal output.
87–100	GR14–1	O	FL grid signal output.

• Abbreviation
FL : FLUORESCENT INDICATOR TUBE

- **IC701 MASTER CONTROL (TMP87CS64YF)**

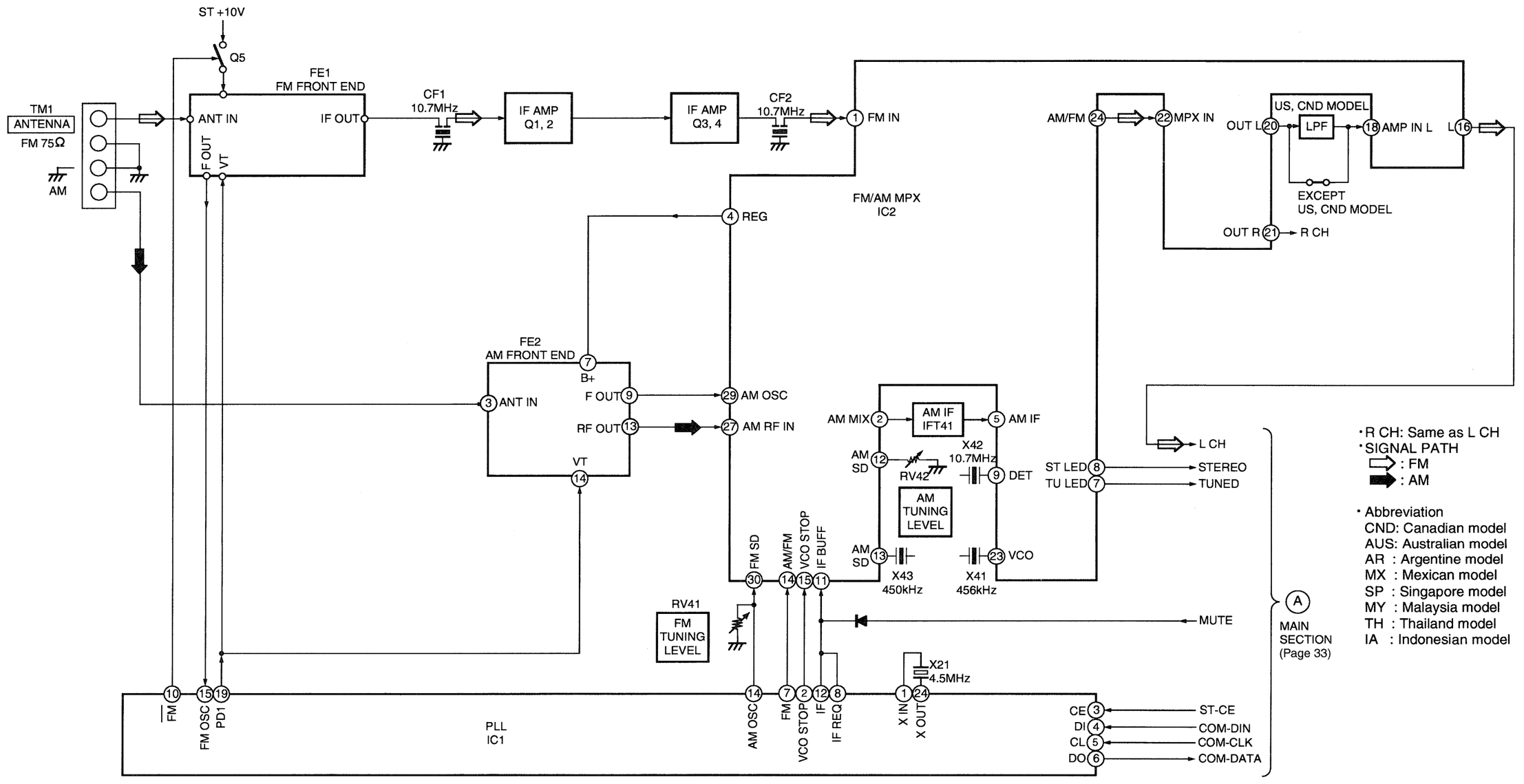
Pin No.	Pin Name	I/O	Function
1	Vss	–	Ground
2	XOUT	O	X'tal (10 MHz).
3	XIN	I	
4	$\overline{\text{RESET}}$	I	Reset signal input.
5	XOUT	O	X'tal for clock (32.768 kHz)
6	XIN	I	
7	GND (test)	–	Ground
8	$\overline{\text{AC CUT}}$	I	Back up signal input.
9	SUPER WOOFER ON	O	Not used. (Connected to ground)
10	ST-MUTE ON	O	Mute signal output for tuner.
11	$\overline{\text{180-A-PLAY}}$	I	Tape detection signal input. (Not used) (Connected to ground)
12	$\overline{\text{180-B-PLAY}}$	I	
13	$\overline{\text{180-B-REC}}$	I	
14	CLK CHK	I	Not used.
15	UP-SW	I	Disc table up detect. (Not used) (Open)
16	IN-SW	I	Not used.
17	ENCODER-0	I	Disctray address detect encoder input. (Not used)
18	ENCODER-1	I	
19	ENCODER-2	I	
20	$\overline{\text{OUT SW OPEN}}$	I	Out switch signal input. (Not used)
21	LOAD IN	O	Loading motor control signal output.
22	LOAD OUT	O	
23	TBL-L	O	Table motor control signal output.
24	TBL-R	O	
25	SCOR	I	Sub-code sync signal input.
26	TBL-SENS	I	CD Table sensor signal input.
27	RDS INT	I	RDS data start input. (Connected to ground)
28	RDS DATA	I	RDS data output. (Connected to ground)
29	DF LAT	O	Latch signal for digital filter.
30	SENS	I	Table sence signal input.
31	$\overline{\text{XRST}}$	O	Reset signal output for CD.
32	$\overline{\text{MG-RDY}}$	I	Ready signal from graphic control.
33	$\overline{\text{ADJ}}$	I	Test mode input.
34	$\overline{\text{GM-REQ}}$	I	Request signal from graphic control.
35	MG-CLK	O	Clock signal to graphic control.
36	GM-DATA	I	Data input from graphic control.
37	MG-DATA	O	Data output to graphic control.
38	CD-CLK	O	Clock output. Serial bus line.
39	$\overline{\text{ADJ-2}}$	I	Test mode input.
40	CD-DATA	O	Data output. Serial bus line.

Pin No.	Pin Name	I/O	Function
41	AUB IN	I	Audio bus in/output. (Open)
42	AUB OUT	O	
43	FOCUS SW	O	Focus switching signal output,.
44	SQ-CLK	O	Subcode Q data read clock output.
45	SQ-DATA	I	Subcode Q data input.
46	X-LAT	O	Latch signal digital signal processor.
47	TEST	I	Test land.
48	VAREF	I	Analog reference voltage input.
49	VAss	–	Ground
50	Vss	–	
51	V_{DD}	–	+5V
52	SPEC	I	Destination detection setting input.
53	DESTINATION	I	
54	DISC SENS	I	Not used. (Connected to ground)
55	TC RELAY	O	REC/PB select signal output.
56	A-SHUT	I	Control signal input from deck.
57	B-SHUT	I	
58	B-HALF	I	
59	A-HALF	I	
60	220-A-PLAY	I	
61	220-B-PLAY	I	
62	62427 LAT	O	PLL latch output.
63	K-CON-LAT	O	Latch signal for KEY CON. (N355K)
64	VOL LAT (AV)	O	Latch signal for electrical volume. (Not used) (Open)
65	REAR SP RELAY B	O	Not used. (Open)
66	FRONT SP RELAY C	O	
67	$\overline{\text{POWER ON}}$	O	Power on signal output.
68	CD POWER	O	CD power control signal output.
69	$\overline{\text{PROLOG LAT}}$	O	Not used. (Open)
70	$\overline{\text{MUTE}}$	O	Mute signal for AMP.
71	COM CLK	O	PLL clock output.
72	COM DIN	I	PLL data input.
73	COM DATA	O	PLL data output.
74	$\overline{\text{K CON ON}}$	O	Control signal output for KEY CON. (N355K)
75	LIDDED LED	O	Disc No. LED drive signal output. (Not used) (Open)
76	$\overline{\text{PROLOG ON}}$	O	PRO LOGIC control output.
77	DBFB-HIGH	O	DBFB switching signal output.
78	$\overline{\text{URG STB STDBY}}$	I	Not used.
79	$\overline{\text{URG STB ON}}$	O	
80	$\overline{\text{TC A}}$	O	Deck A, B select output.

Pin No.	Pin Name	I/O	Function
81	$\overline{\text{NORM}}$	O	NORMAL/HIGH control signal output.
82	$\overline{\text{BIAS OFF}}$	O	Bias oscillation output.
83	$\overline{\text{REC MUTE}}$	O	Mute output.
84	$\overline{\text{NR OFF}}$	O	Dolby ON/OFF signal output.
85	$\overline{\text{PB}}$	O	REC/PB control signal output.
86	$\overline{\text{PASS. AMP/DOLBY}}$	O	Dolby switching signal output.
87	$\overline{\text{LINE MUTE ON}}$	O	Mute signal output for deck.
88	$\overline{\text{CAP. M-HIGH}}$	O	Capstan motor control signal output.
89	A-TRG	O	Trigger motor control signal output.
90	B-TRG	O	
91	$\overline{\text{TRG LOW}}$	O	Trigger motor high/low control signal output.
92	$\overline{\text{CAP M ON}}$	O	Capstan motor ON/OFF control signal output.
93	$\overline{\text{STEREO}}$	I	Stereo detection signal from tuner.
94	$\overline{\text{TUNED}}$	I	Tuned detection signal from tuner.
95	ST-CE	O	Latch signal output for tuner.
96	$\overline{\text{DELAY SEL MIC}}$	O	Not used. (Connected to ground)
97	$\overline{\text{DELAY ON}}$	O	
98	DELAY LEVEL A	O	
99	DELAY LEVEL B	O	
100	V_{DD}	–	+5V

5-3. BLOCK DIAGRAMS

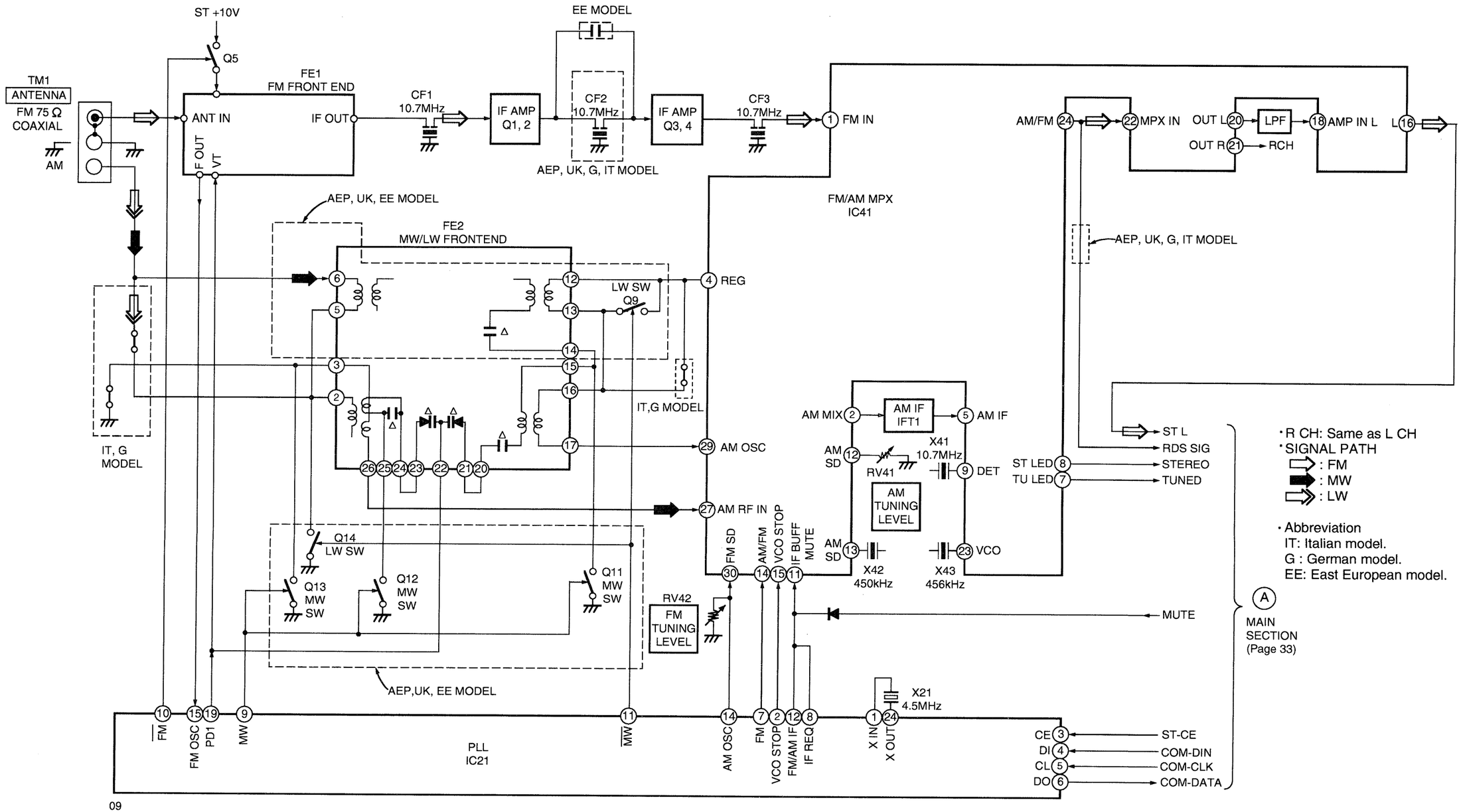
— TUNER SECTION — (D570 : US, CND/N355 : E, MX, PX, AUS, AR/N355K : E, SP, MY, TH, IA MODELS)



- R CH: Same as L CH
- SIGNAL PATH
  - ⇨ : FM
  - ➡ : AM

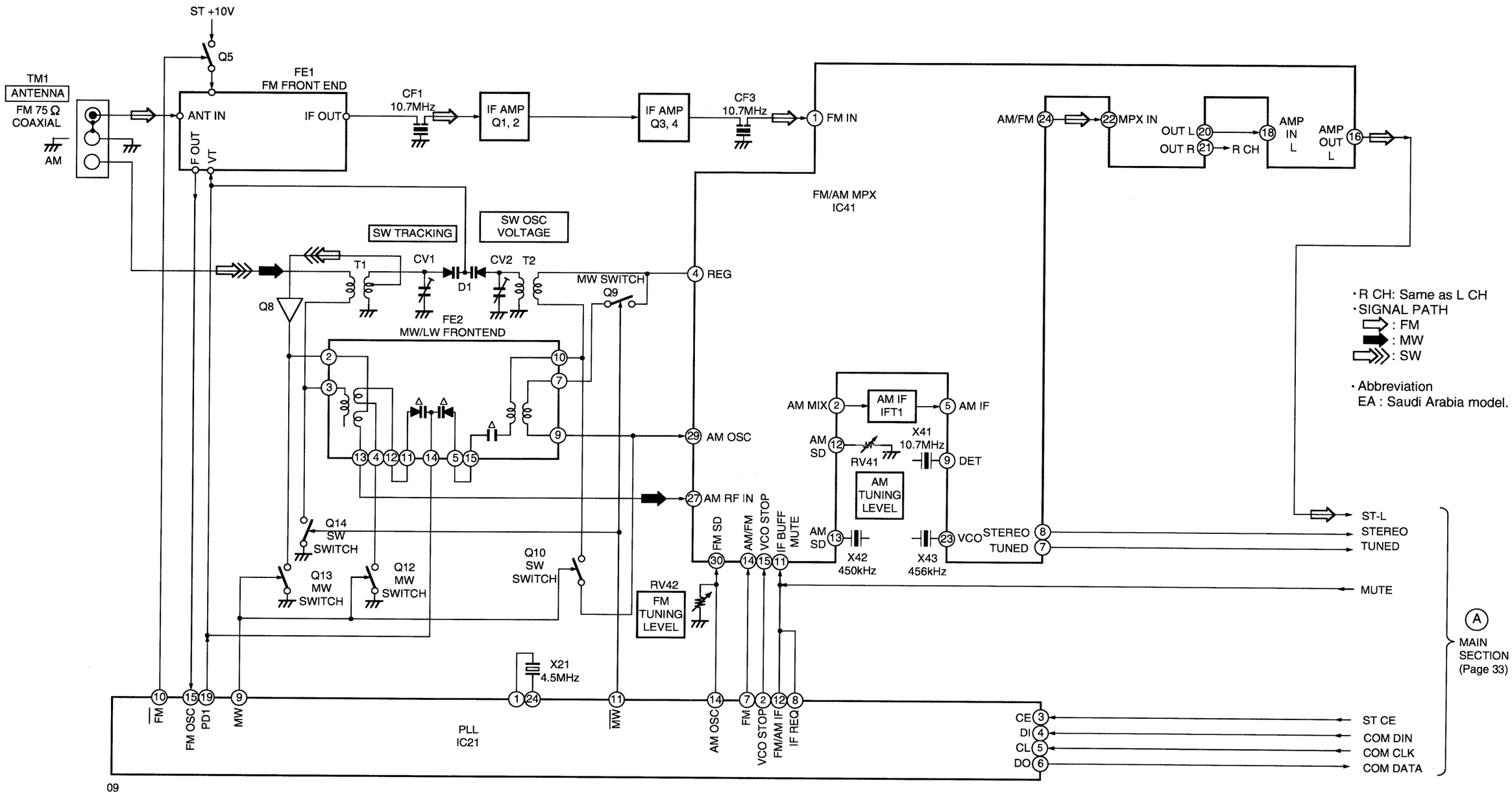
- Abbreviation
  - CND: Canadian model
  - AUS: Australian model
  - AR : Argentine model
  - MX : Mexican model
  - SP : Singapore model
  - MY : Malaysia model
  - TH : Thailand model
  - IA : Indonesian model

— TUNER SECTION — (N355 : AEP, UK, G, IT, EE MODELS)

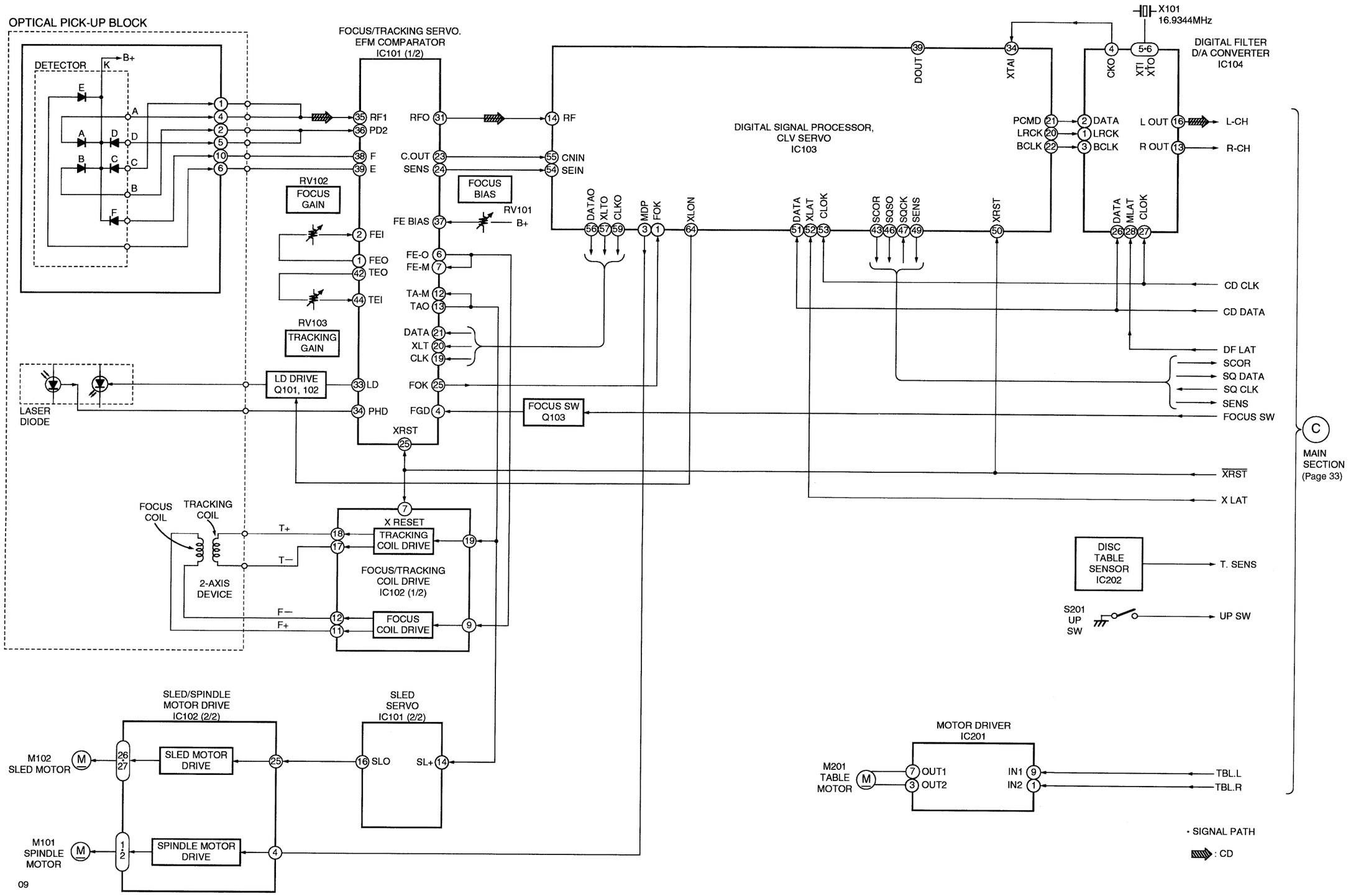


- R CH: Same as L CH
- SIGNAL PATH
  - ⇨ : FM
  - ➡ : MW
  - ⇒ : LW
- Abbreviation
  IT: Italian model.
  G : German model.
  EE: East European model.

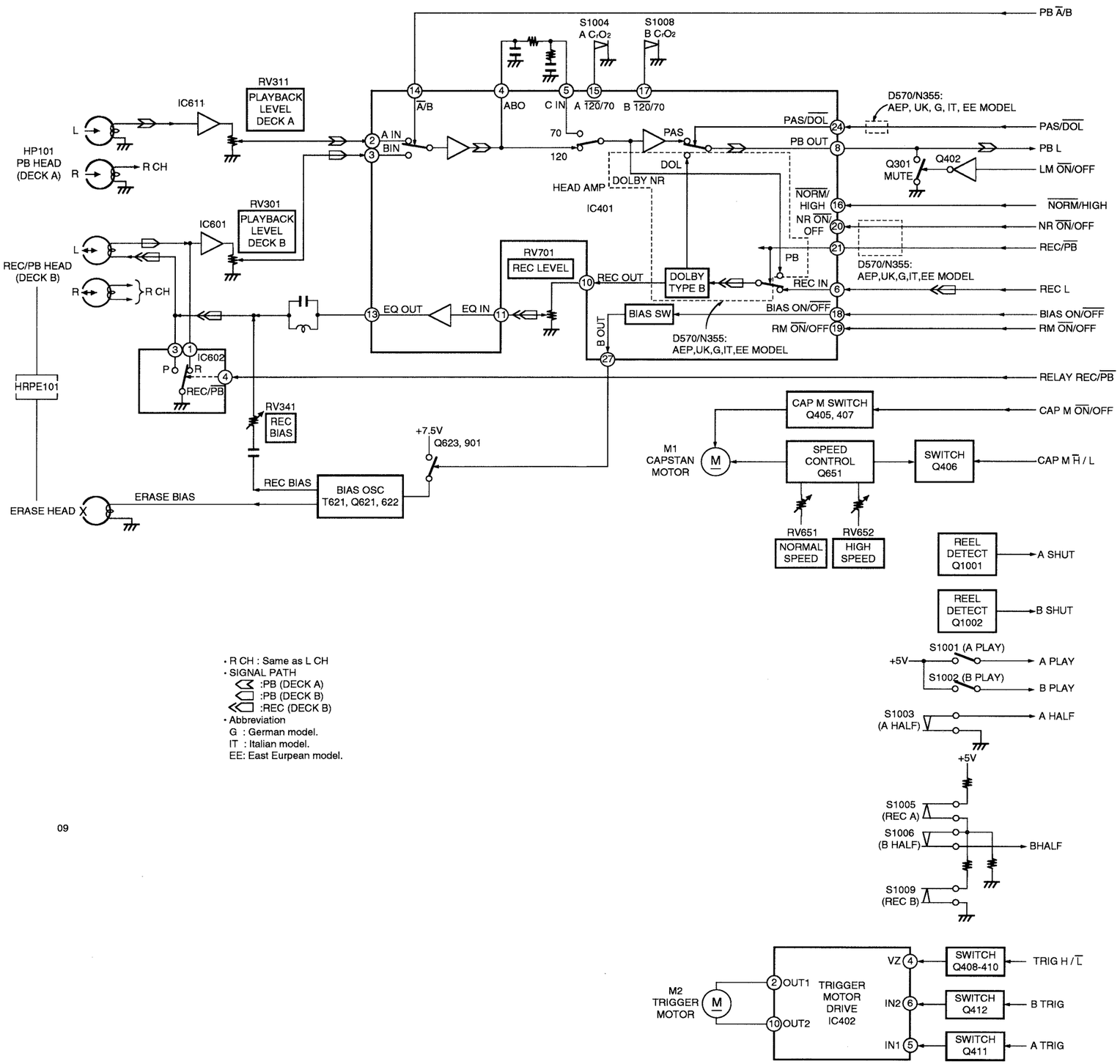
— TUNER SECTION — (N355K : EA MODEL)



— CD SECTION —


OPTICAL PICK-UP BLOCK
DETECTOR
B+
K
E
A
D
B
C
F
FOCUS/TRACKING SERVO.
EFM COMPARATOR
IC101 (1/2)
RF1
PD2
F
E
RFO
C.OUT
SENS
RF
CNIN
SEIN
RV102
FOCUS
GAIN
FOCUS
BIAS
RV101
B+
FE BIAS
FEI
FEO
TEO
TEI
FE-O
FE-M
TA-M
TAO
RV103
TRACKING
GAIN
DATA
XLT
CLK
LD DRIVE
Q101, 102
LD
FOK
LASER
DIODE
PHD
FGD
FOCUS SW
Q103
XRST
DIGITAL SIGNAL PROCESSOR,
CLV SERVO
IC103
DOUT
XTAI
X101
16.9344MHz
CKO
XTI
XTO
DIGITAL FILTER
D/A CONVERTER
IC104
PCMD
LRCK
BCLK
DATA
LRCK
BCLK
L OUT
R OUT
L-CH
R-CH
DATAO
XLTO
CLKO
MDP
FOK
XLON
DATA
XLAT
CLOK
SCOR
SQSO
SQCK
SENS
XRST
DATA
MLAT
CLOK
CD CLK
CD DATA
DF LAT
SCOR
SQ DATA
SQ CLK
SENS
FOCUS SW
XRST
X LAT
FOCUS
COIL
TRACKING
COIL
T+
T—
F—
F+
X RESET
TRACKING
COIL DRIVE
FOCUS/TRACKING
COIL DRIVE
IC102 (1/2)
2-AXIS
DEVICE
FOCUS
COIL DRIVE
DISC
TABLE
SENSOR
IC202
T. SENS
S201
UP
SW
UP SW
SLED/SPINDLE
MOTOR DRIVE
IC102 (2/2)
SLED
SERVO
IC101 (2/2)
M102
SLED MOTOR
SLED MOTOR
DRIVE
SLO
SL+
M101
SPINDLE
MOTOR
SPINDLE MOTOR
DRIVE
MOTOR DRIVER
IC201
M201
TABLE
MOTOR
OUT1
OUT2
IN1
IN2
TBL.L
TBL.R
C
MAIN
SECTION
(Page 33)
• SIGNAL PATH
: CD
09

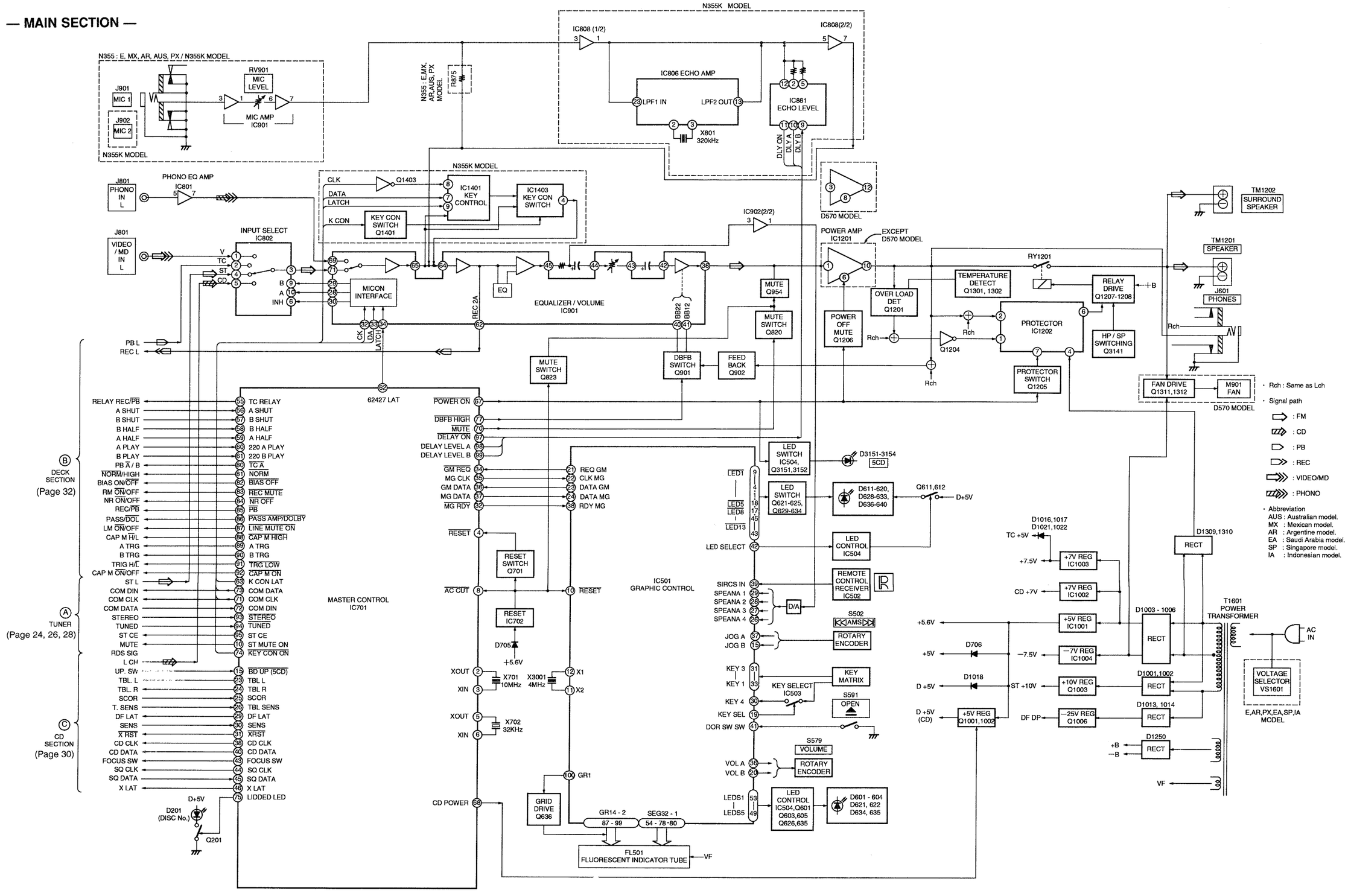
— TC SECTION —



- R CH : Same as L CH
- SIGNAL PATH
  - :PB (DECK A)
  - :PB (DECK B)
  - :REC (DECK B)
- Abbreviation
  - G : German model.
  - IT : Italian model.
  - EE: East Eurpean model.

09

— MAIN SECTION —



09

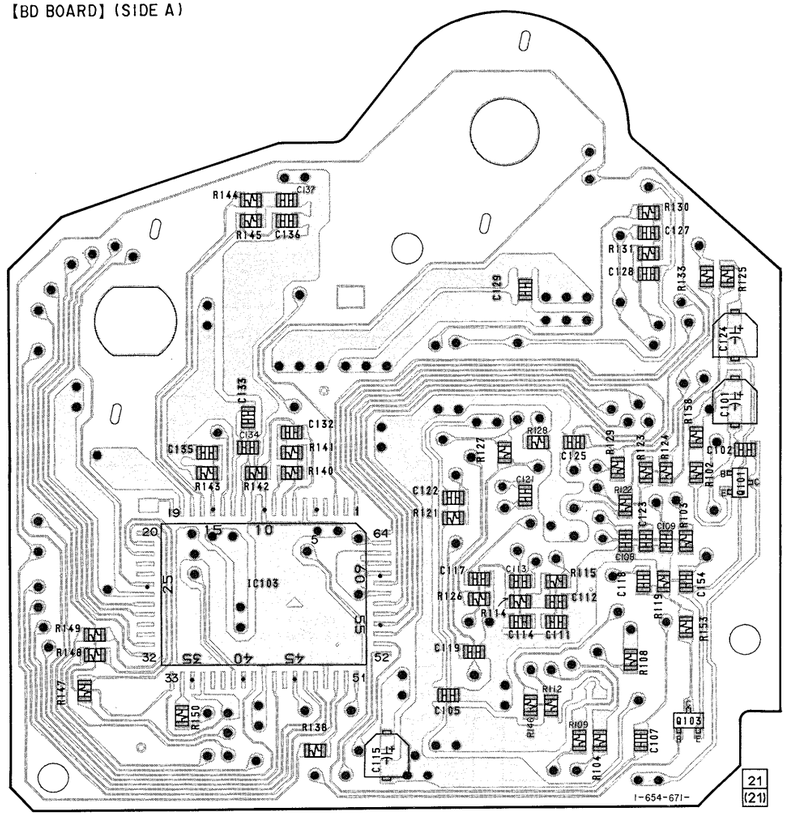
5-4. PRINTED WIRING BOARD — CD SECTION —

• See page 18 for Circuit Boards Location.

• **Semiconductor Location**

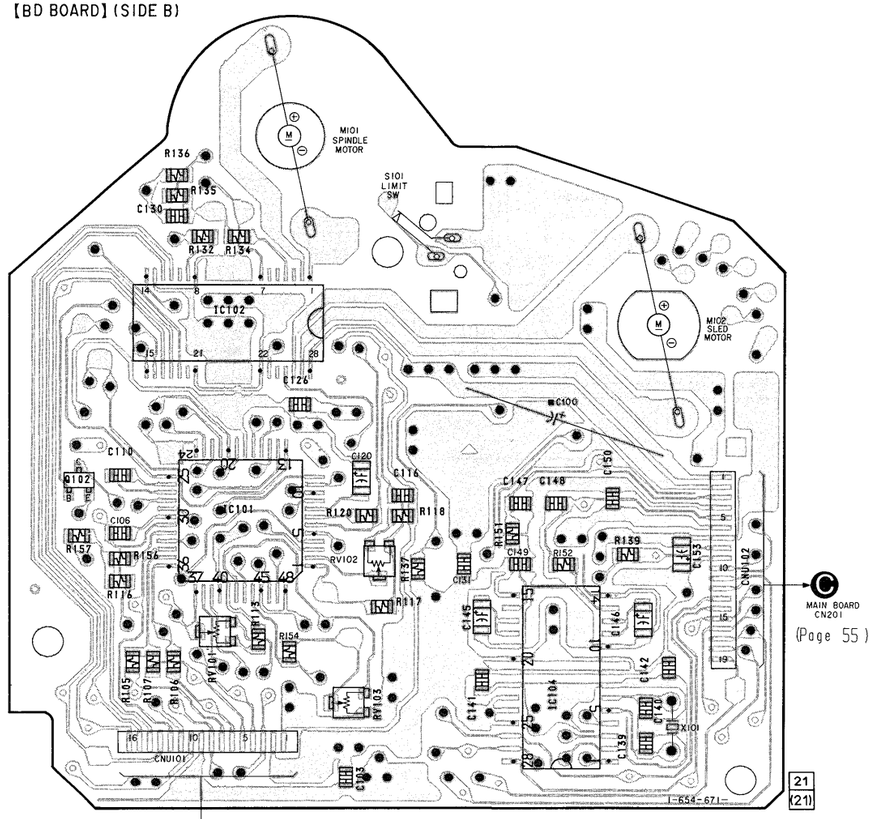
Ref. No.	Location
IC101	E-9
IC102	C-9
IC103	E-3
IC104	F-11
Q101	D-7
Q102	D-8
Q103	F-6

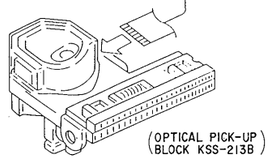
【BD BOARD】(SIDE A)



09

【BD BOARD】(SIDE B)



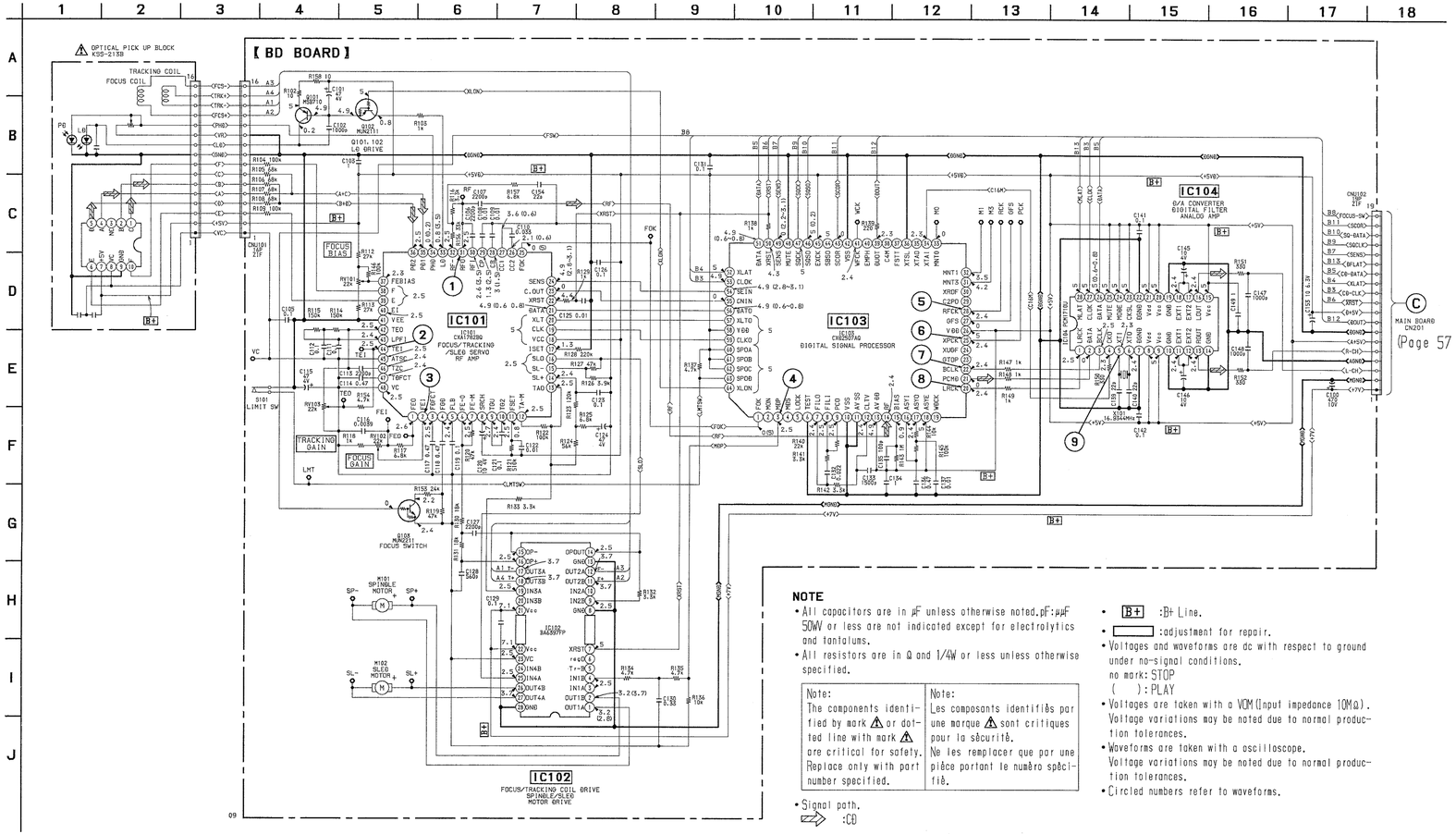


Note:

- ○—— : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- ● : Through hole.
- ▭ : Pattern from the side which enable seeing. (The other layer's patterns are not indicated.)

5-5. SCHEMATIC DIAGRAM — CD SECTION —

• See page 79 for IC Block Diagrams. (IC101 — 104)



NOTE

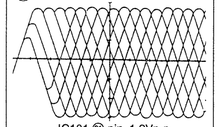
- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.

Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

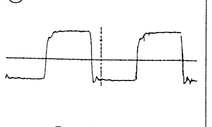
- Signal path.
  ⇨ : CD
- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
  no mark: STOP
  ( ): PLAY
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

• Waveforms

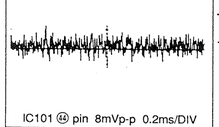
① IC101 ㉛ pin 1.3Vp-p



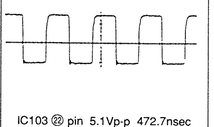
⑥ IC103 ㉕ pin 5.1Vp-p 232.7sec



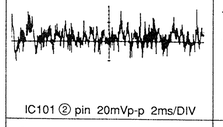
② IC101 ㊹ pin 8mVp-p 0.2ms/DIV



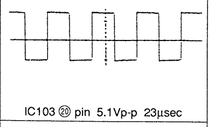
⑦ IC103 ㉒ pin 5.1Vp-p 472.7nsec



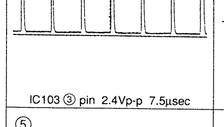
③ IC101 ② pin 20mVp-p 2ms/DIV



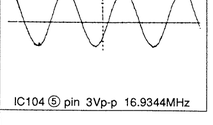
⑧ IC103 ㉓ pin 5.1Vp-p 23μsec



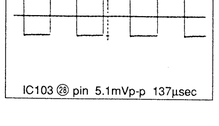
④ IC103 ③ pin 2.4Vp-p 7.5μsec



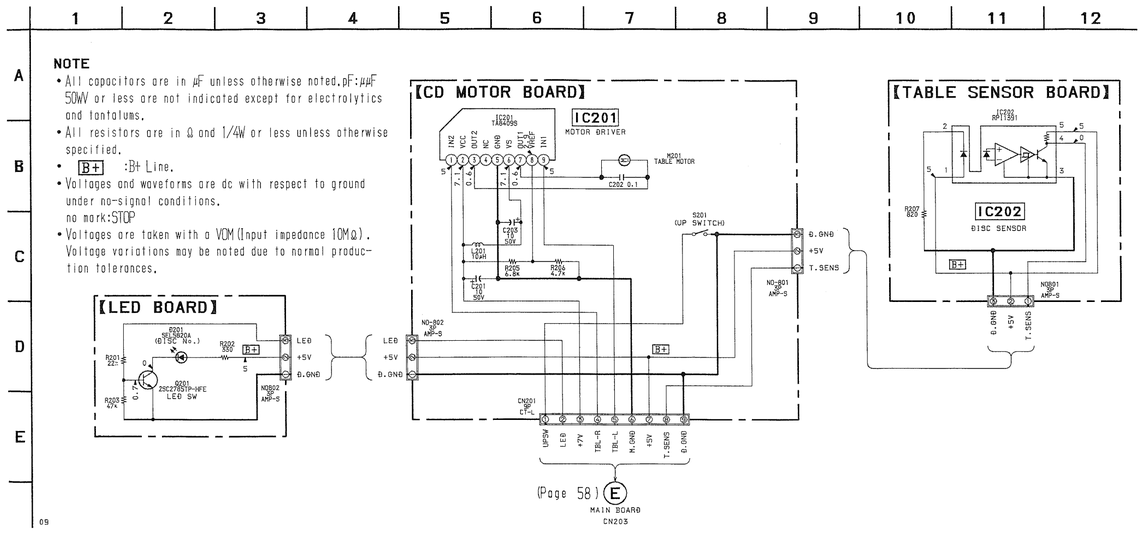
⑨ IC104 ⑤ pin 3Vp-p 16.9344MHz



⑤ IC103 ㉘ pin 5.1mVp-p 137μsec

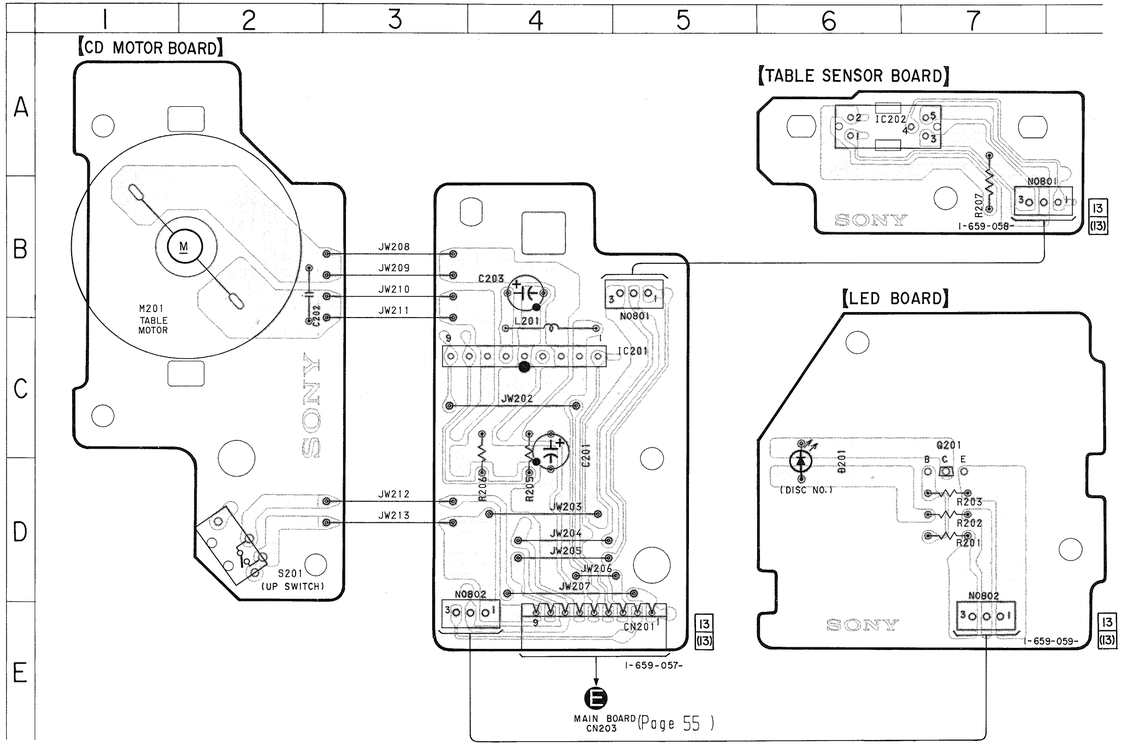


5-6. SCHEMATIC DIAGRAM — CD MOTOR SECTION —


NOTE
• All capacitors are in μF unless otherwise noted. pF: μμF
50WV or less are not indicated except for electrolytics and tantalums.
• All resistors are in Ω and 1/4W or less unless otherwise specified.
• B+ :B+ Line.
• Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark:STOP
• Voltages are taken with a VOM (Input impedance 10MΩ).
Voltage variations may be noted due to normal production tolerances.
【LED BOARD】
【CD MOTOR BOARD】
IC201
MOTOR DRIVER
M201
TABLE MOTOR
S201
(UP SWITCH)
【TABLE SENSOR BOARD】
IC202
DISC SENSOR
(Page 58)
MAIN BOARD
CN203

5-7. PRINTED WIRING BOARD — CD MOTOR SECTION —

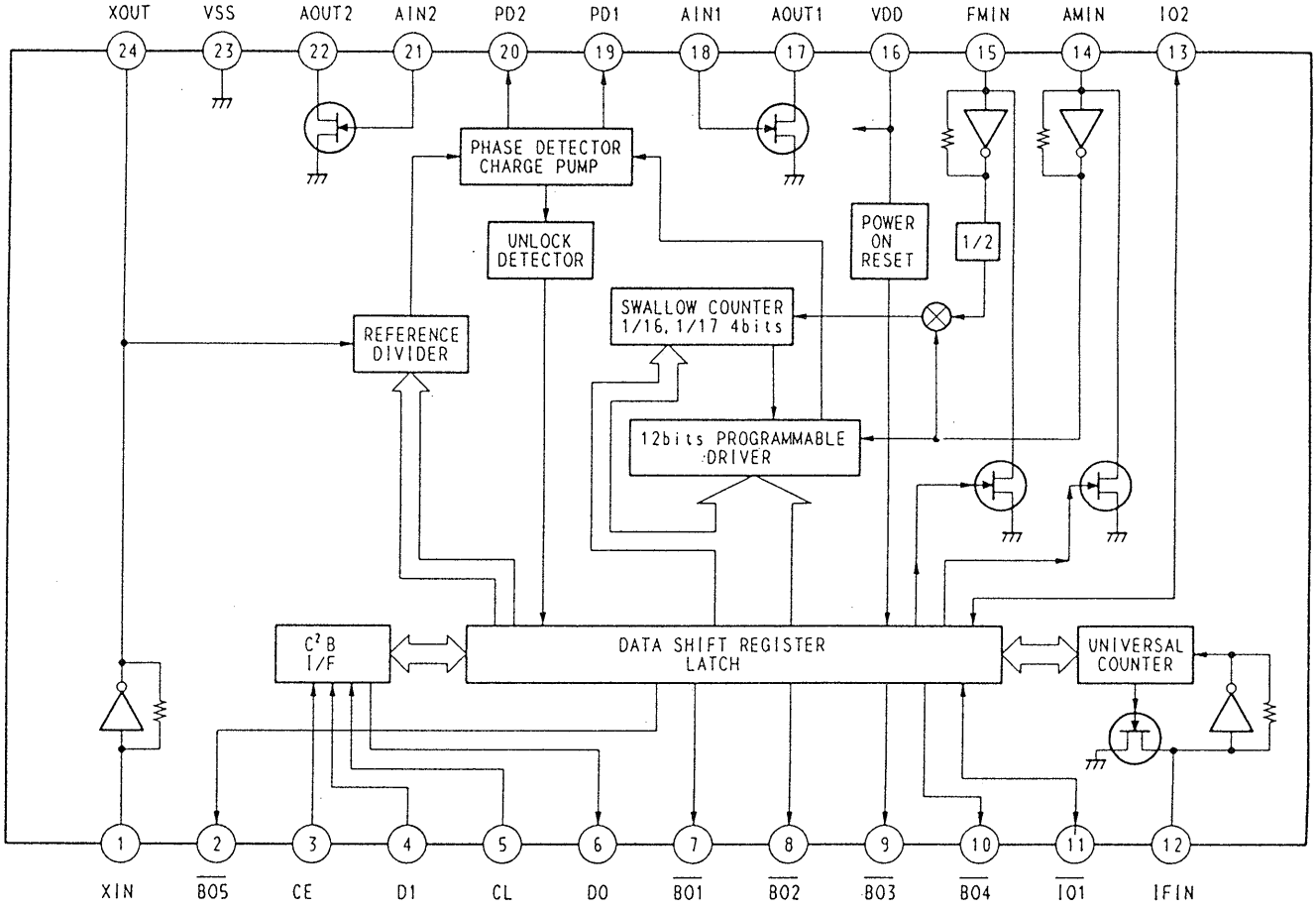
• See page 18 for Circuit Boards Location.



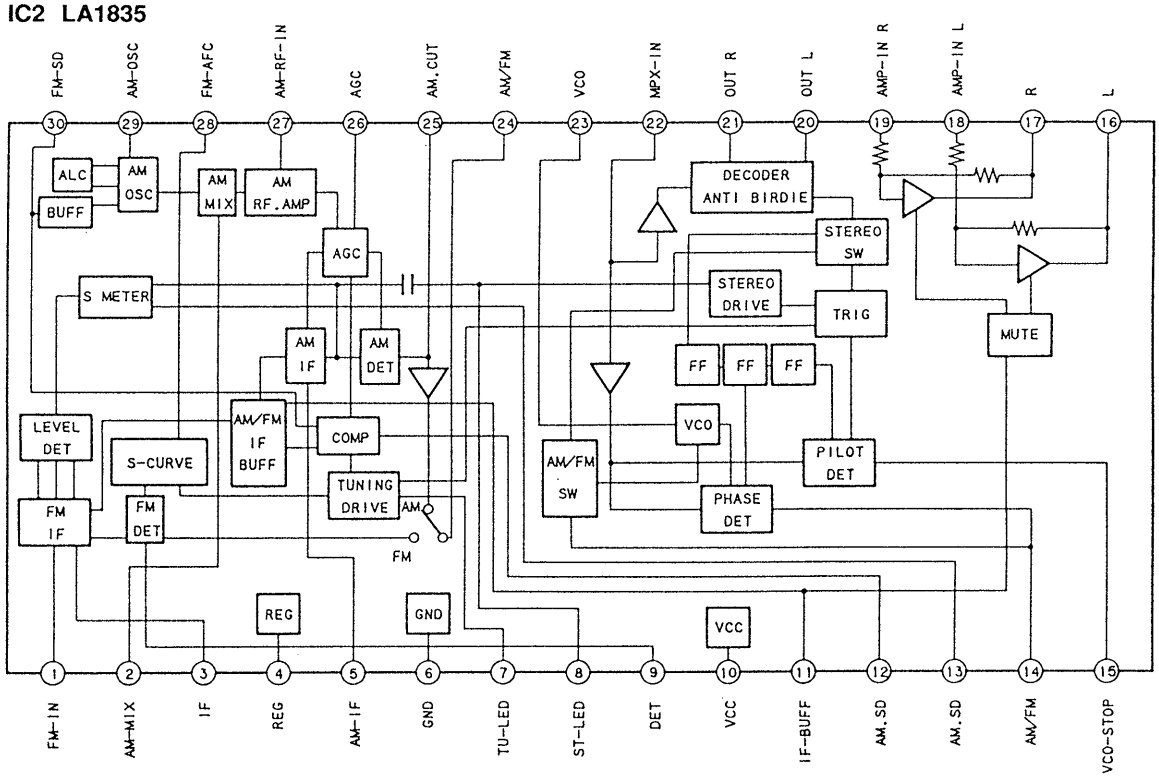
Note:
• ⟶ : parts extracted from the component side.
• ▭ : Pattern from the side which enable seeing.

• **IC Block Diagrams**

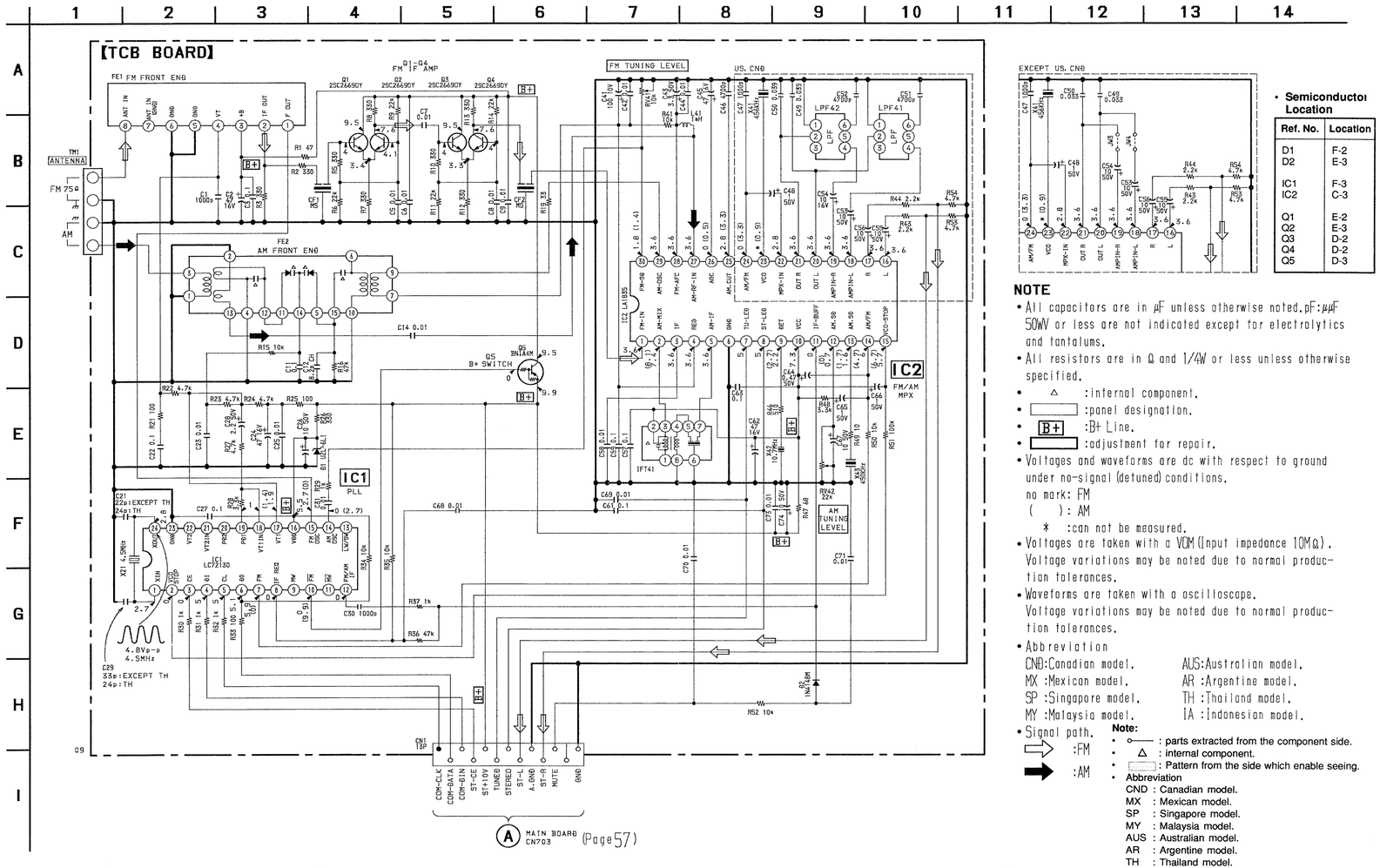
IC1 LC72130



IC2 LA1835



5-8. SCHEMATIC DIAGRAM — TUNER SECTION — (D570 : US, CND/N355 : E, MX, PX, AUS, AR/N355K : E, SP, MY, TH, IA MODELS)



Semiconductor Location	
Ref. No.	Location
D1	F-2
D2	E-3
IC1	F-3
IC2	C-3
Q1	E-2
Q2	E-3
Q3	D-2
Q4	D-2
Q5	D-3

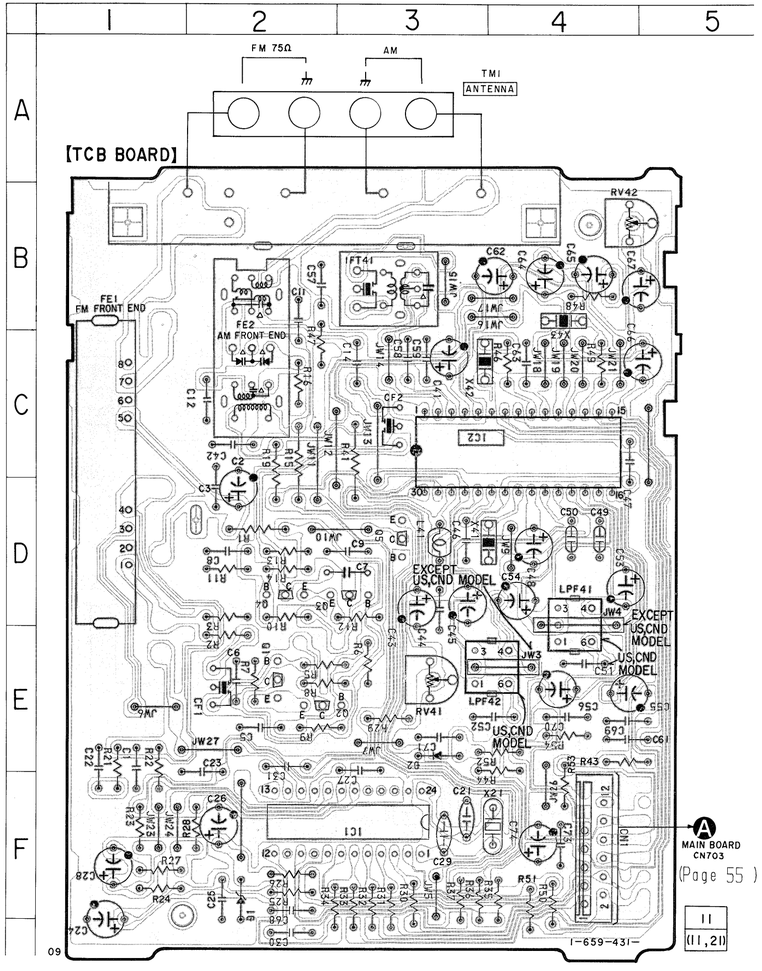
NOTE

- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- B+ : B+ Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark: FM
  ( ): AM
  * : can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  CND: Canadian model. AUS: Australian model.
  MX : Mexican model. AR : Argentine model.
  SP : Singapore model. TH : Thailand model.
  MY : Malaysia model. IA : Indonesian model.
- Signal path.
  ⇨ : FM
  ➡ : AM

Note:
- ○—— : parts extracted from the component side.
- △ : internal component.
- ▭ : Pattern from the side which enable seeing.
- Abbreviation
  CND : Canadian model.
  MX : Mexican model.
  SP : Singapore model.
  MY : Malaysia model.
  AUS : Australian model.
  AR : Argentine model.
  TH : Thailand model.
  IA : Indonesian model.

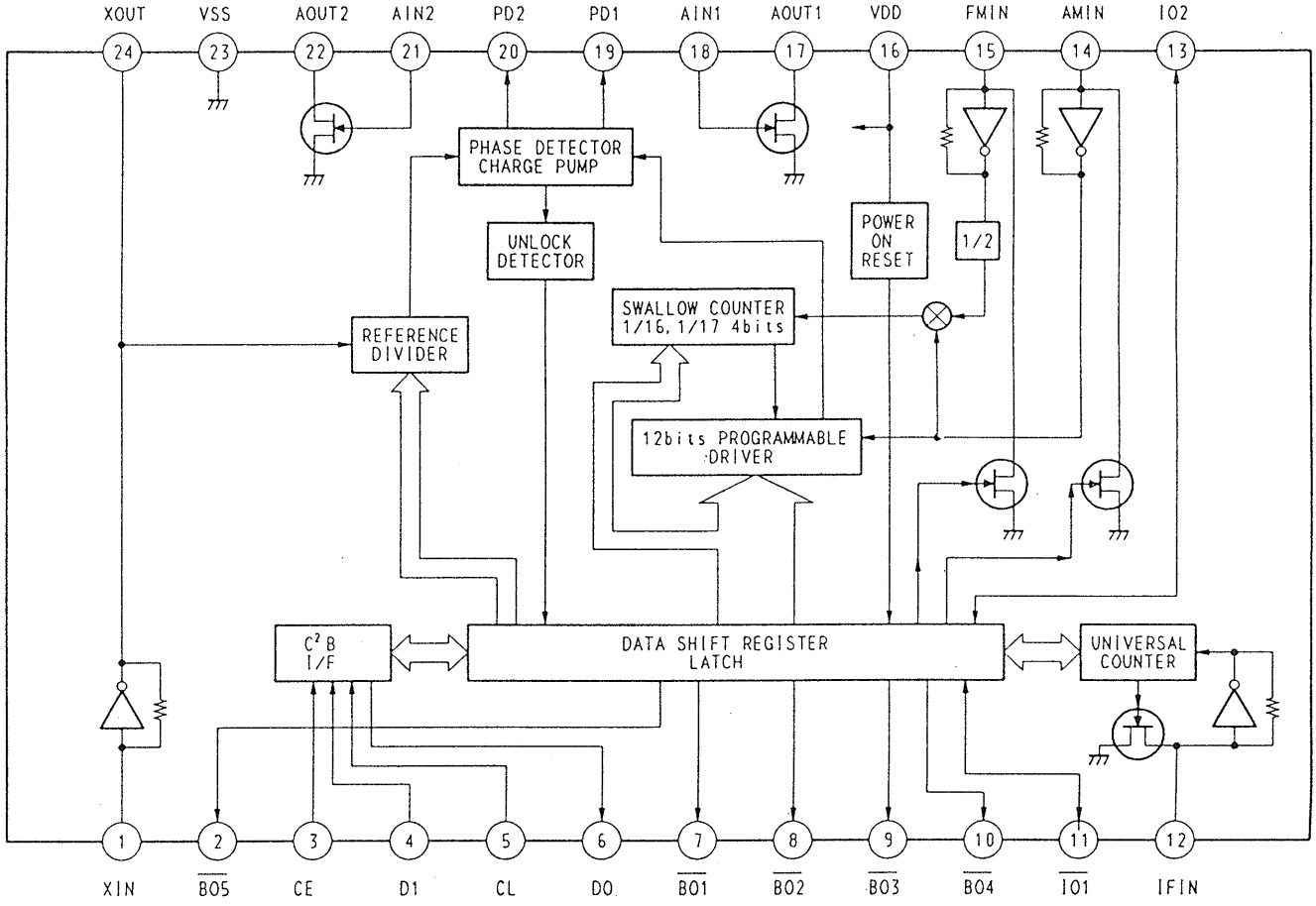
5-9. PRINTED WIRING BOARD — TUNER SECTION — (D570 : US, CND/N355 : E, MX, PX, AUS, AR/N355K : E, SP, MY, TH, IA MODELS)

• See page 18 for Circuit Boards Location.

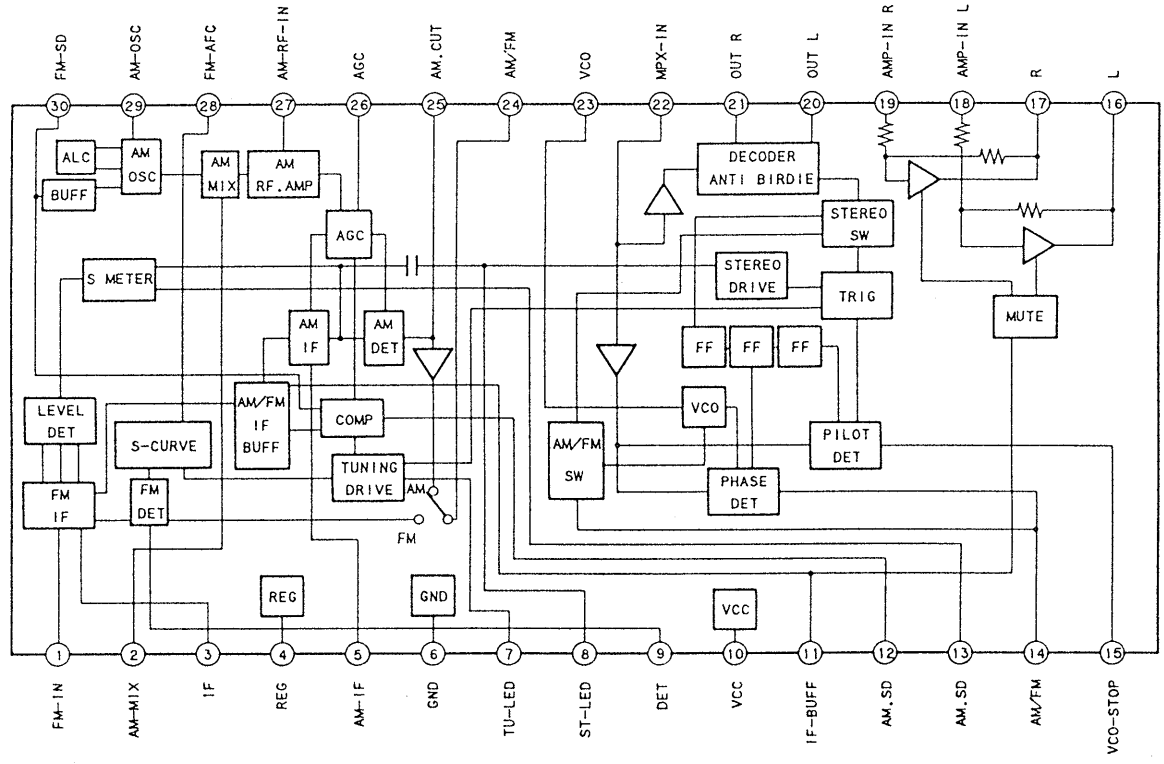


• **IC Block Diagrams**

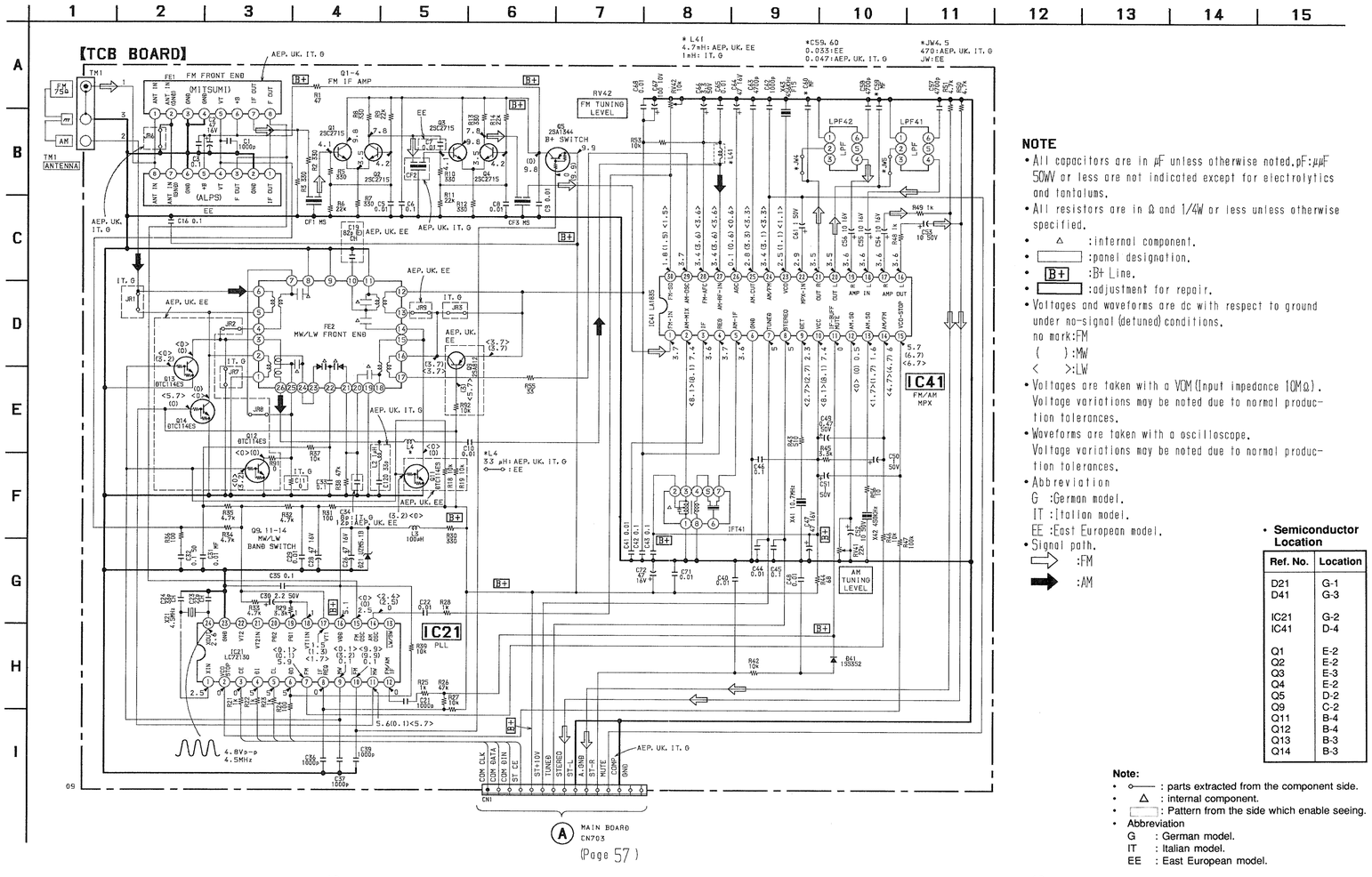
IC21 LC72130



IC41 LA1835



5-10. SCHEMATIC DIAGRAM — TUNER SECTION — (N355 : AEP, UK, G, IT, EE MODELS)



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ :internal component.
- ▭ :panel designation.
- B+ :B+ Line.
- ▭ :adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark: FM
  ( ): MW
  < >: LW
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  G :German model.
  IT :Italian model.
  EE :East European model.
- Signal path.
  ⇨ :FM
  ➡ :AM

• Semiconductor Location

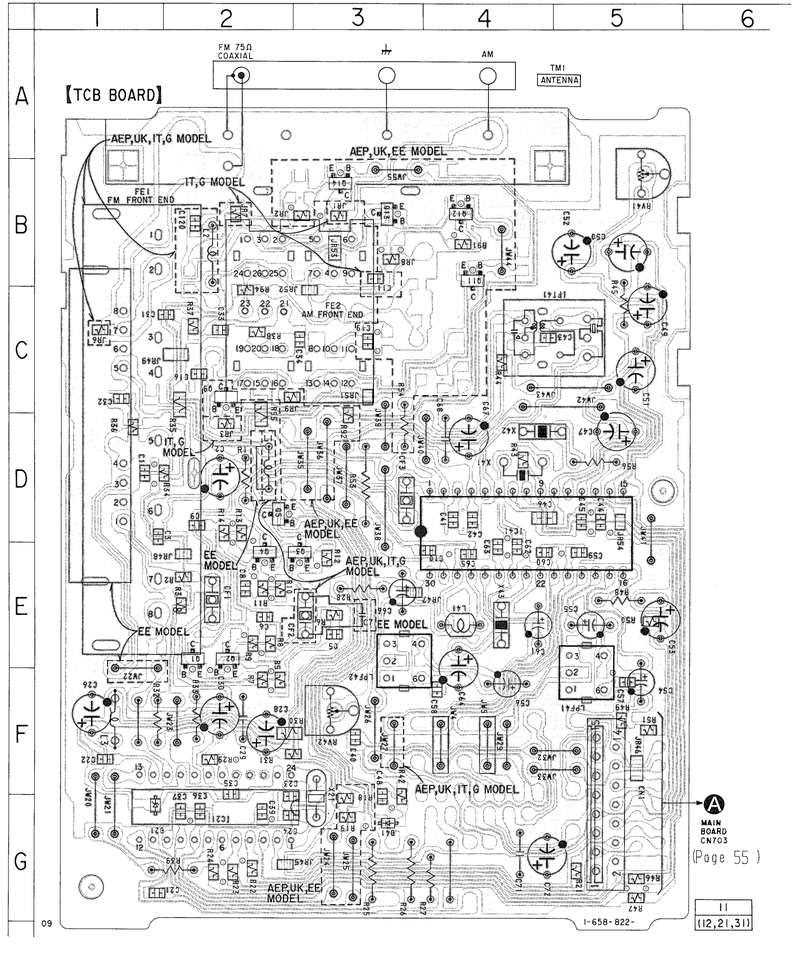
Ref. No.	Location
D21	G-1
D41	G-3
IC21	G-2
IC41	D-4
Q1	E-2
Q2	E-2
Q3	E-3
Q4	E-2
Q5	D-2
Q9	C-2
Q11	B-4
Q12	B-4
Q13	B-3
Q14	B-3

Note:

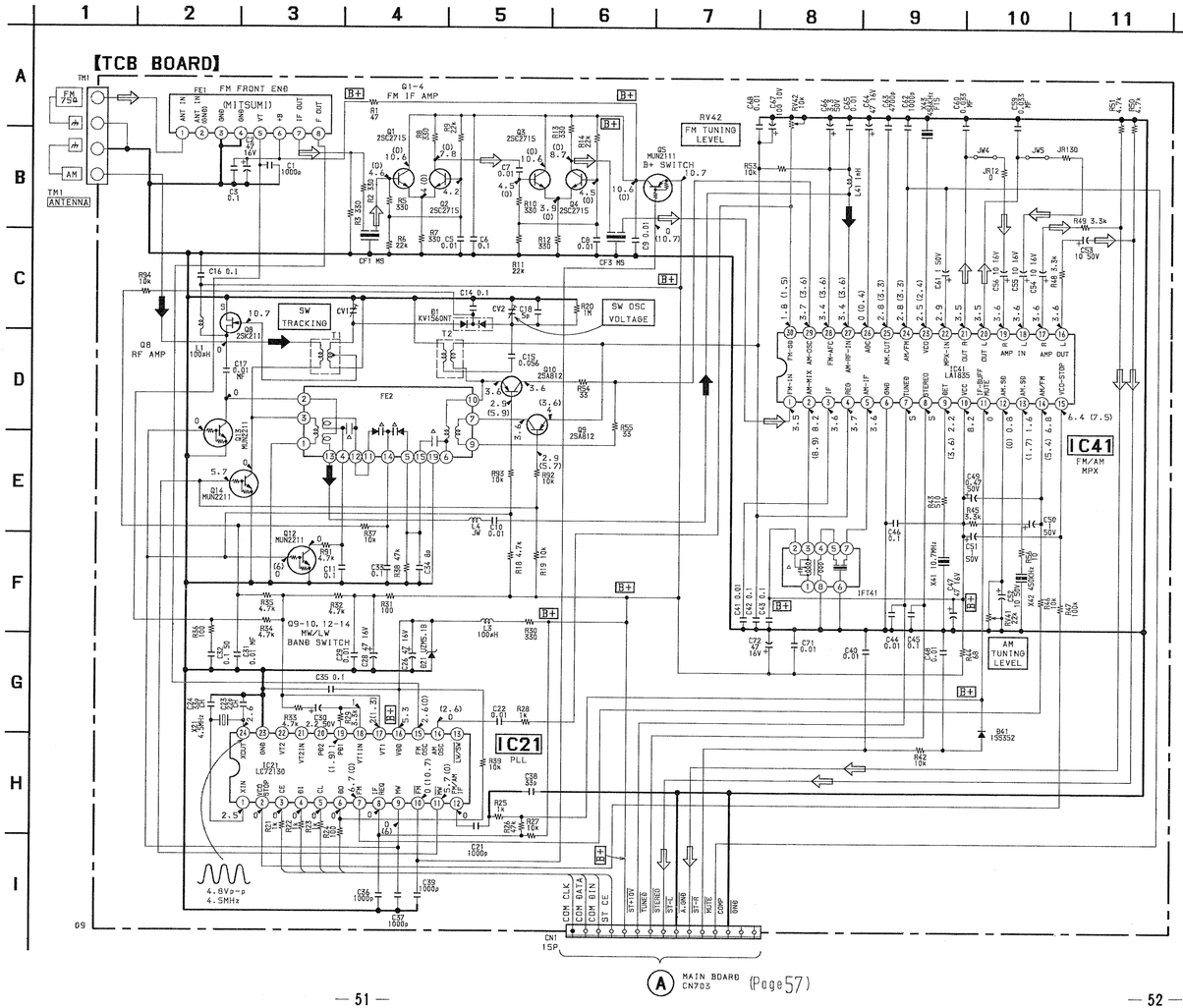
- ○—○ : parts extracted from the component side.
- △ : internal component.
- ▭ : Pattern from the side which enable seeing.
- Abbreviation
  G : German model.
  IT : Italian model.
  EE : East European model.

5-11. PRINTED WIRING BOARD — TUNER SECTION — (N355 : AEP, UK, G, IT, EE MODELS)

• See page 18 for Circuit Boards Location.



5-12. SCHEMATIC DIAGRAM — TUNER SECTION — (N355K : EA MODEL)



NOTE

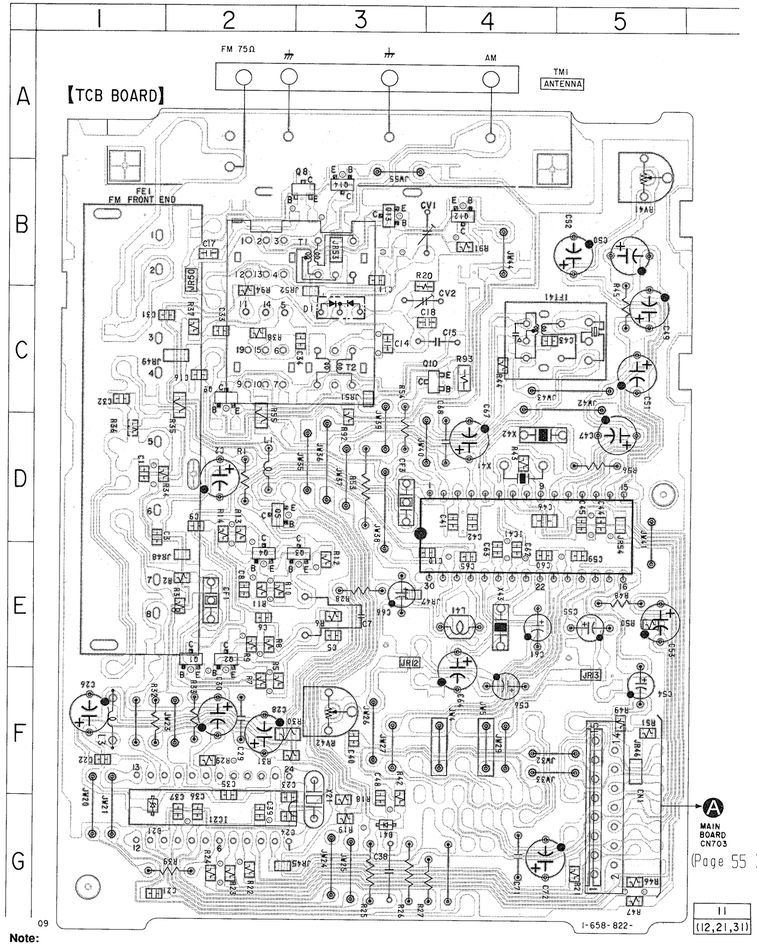
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ :internal component.
- ▭ :panel designation.
- B+ :B+ Line.
- ▭ :adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark:FM
  ( ):AM
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  EA :Saudi Arabia model.
- Signal path.
  ⇨ :FM
  ➡ :AM

• Semiconductor Location

Ref. No.	Location
D21	G-1
D41	G-3
IC21	G-2
IC41	D-4
Q1	E-2
Q2	E-2
Q3	E-3
Q4	E-2
Q5	D-2
Q8	B-3
Q9	C-2
Q10	C-4
Q12	B-4
Q13	B-3
Q14	B-3

5-13. PRINTED WIRING BOARD — TUNER SECTION — (N355K : EA MODEL)

• See page 18 for Circuit Boards Location.



Note:

- ○—— : parts extracted from the component side.
- △ : internal component.
- ▭ : Pattern from the side which enable seeing.
- Abbreviation
  EA : Saudi Arabia model.

5-14. PRINTED WIRING BOARD — MAIN SECTION —

• See page 18 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D201	K-11	IC801	A-18
D202	K-12	IC802	B-13
D401	E-7	IC901	D-11
D701	I-7	IC902	G-10
D702	I-6	IC1001	G-13
D703	I-6	IC1002	F-15
D704	H-6	IC1003	E-18
D705	I-6	IC1004	F-18
D706	I-6	IC1201	I-1
D707	L-10	IC1202	G-15
D708	F-9		
D721	F-10	Q301	E-8
D722	C-12	Q351	A-10
D1001	B-15	Q401	B-7
D1002	B-16	Q402	E-8
D1003	D-17	Q403	C-8
D1004	C-17	Q406	D-7
D1005	D-17	Q407	D-7
D1006	C-17	Q408	D-7
D1007	G-13	Q409	E-7
D1008	A-16	Q410	D-7
D1009	D-17	Q411	D-6
D1010	F-17	Q412	D-7
D1011	C-15	Q701	I-7
D1013	D-14	Q820	G-9
D1014	C-14	Q821	B-13
D1016	B-8	Q823	H-10
D1017	E-16	Q871	B-13
D1018	F-12	Q901	F-10
D1021	B-7	Q902	F-11
D1022	B-8	Q951	F-10
D1023	D-14	Q952	F-10
D1059	E-17	Q953	G-11
D1069	F-17	Q954	G-11
D1201	I-2	Q1001	F-13
D1202	L-3	Q1002	F-13
D1204	F-12	Q1003	A-16
D1205	H-14	Q1006	D-14
D1230	H-14	Q1201	H-3
D1250	C-16	Q1204	H-14
D1251	K-3	Q1205	H-14
D1309	C-16	Q1206	G-14
D1310	C-16	Q1207	G-16
D1371	J-18	Q1208	G-15
D1372	J-18	Q1251	K-3
		Q1301	H-4
IC401	C-8	Q1302	H-4
IC402	D-6	Q1311	L-14
IC701	I-8	Q1312	L-16
IC702	I-6		

Note:

- ○—— : parts extracted from the component side.
- —— : parts extracted from the conductor side.
- ■ : parts mounted on the conductor side.
- △ : internal component.
- : Pattern from the side which enable seeing.
- Abbreviation
  - G : German model.
  - IT : Italian model.
  - EE : East European model.
  - EA : Saudi Arabia model.
  - MX : Mexican model.
  - SP : Singapore model.
  - MY : Malaysia model.
  - AUS : Australian model.
  - AR : Argentine model.
  - TH : Thailand model.
  - IA : Indonesia model.

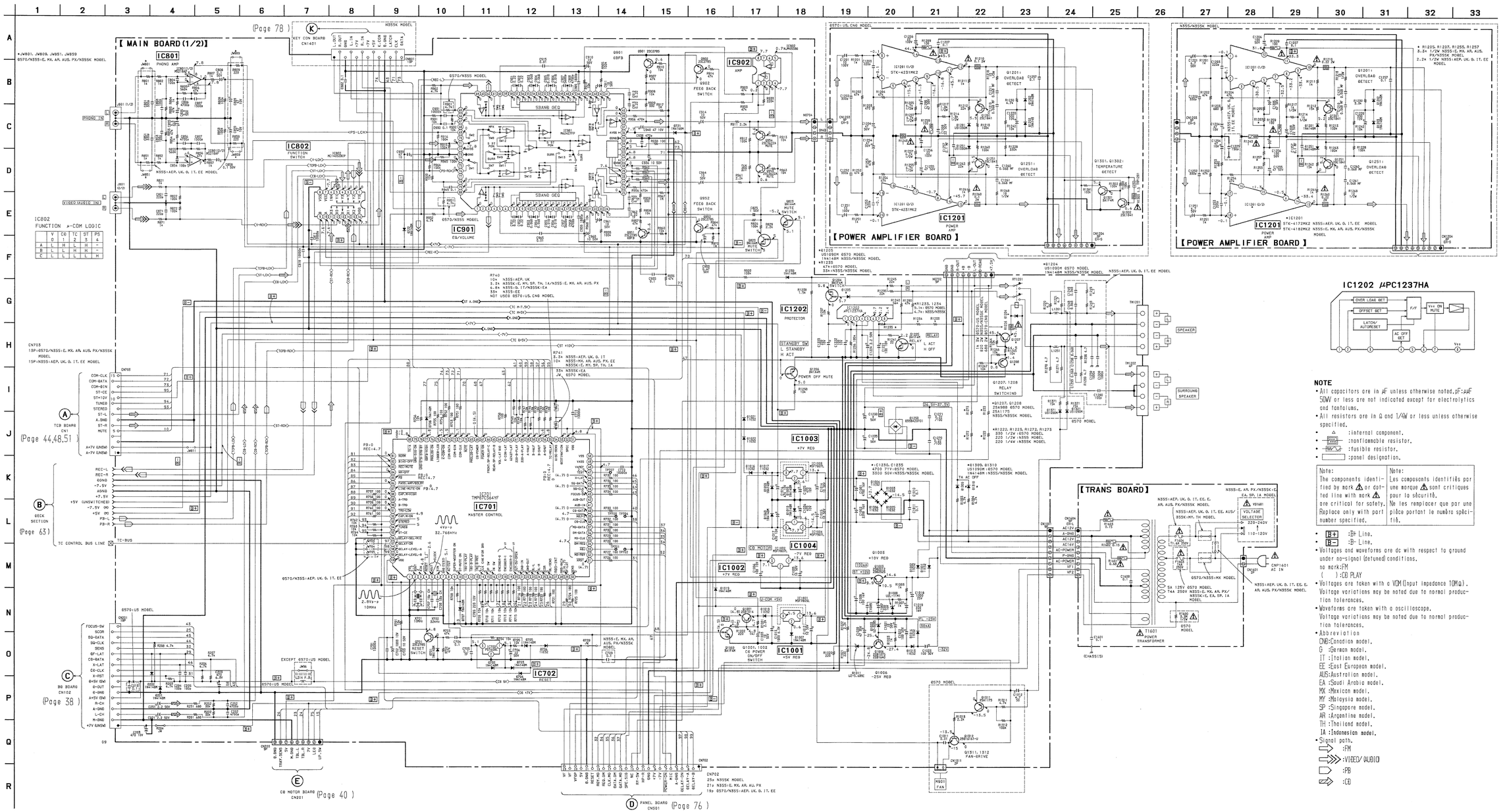
[MAIN BOARD]

[POWER AMPLIFIER]

[TRANS BOARD]

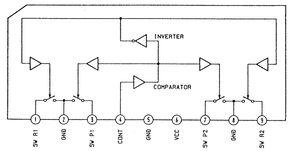
5-15. SCHEMATIC DIAGRAM — MAIN SECTION —

• See page 20 for IC Pin Function. (IC701)

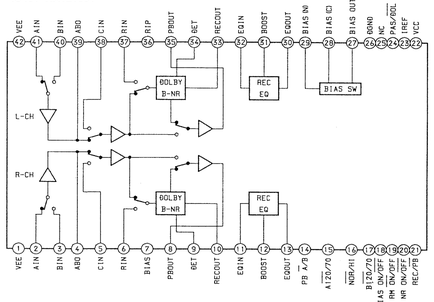


• IC Block Diagrams

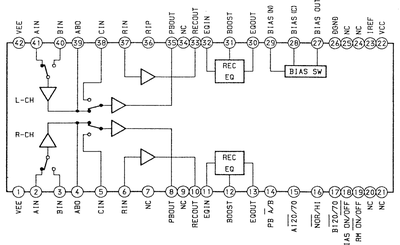
IC602 μPC1330HA



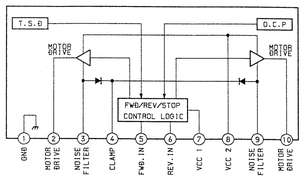
IC401 HA12195T



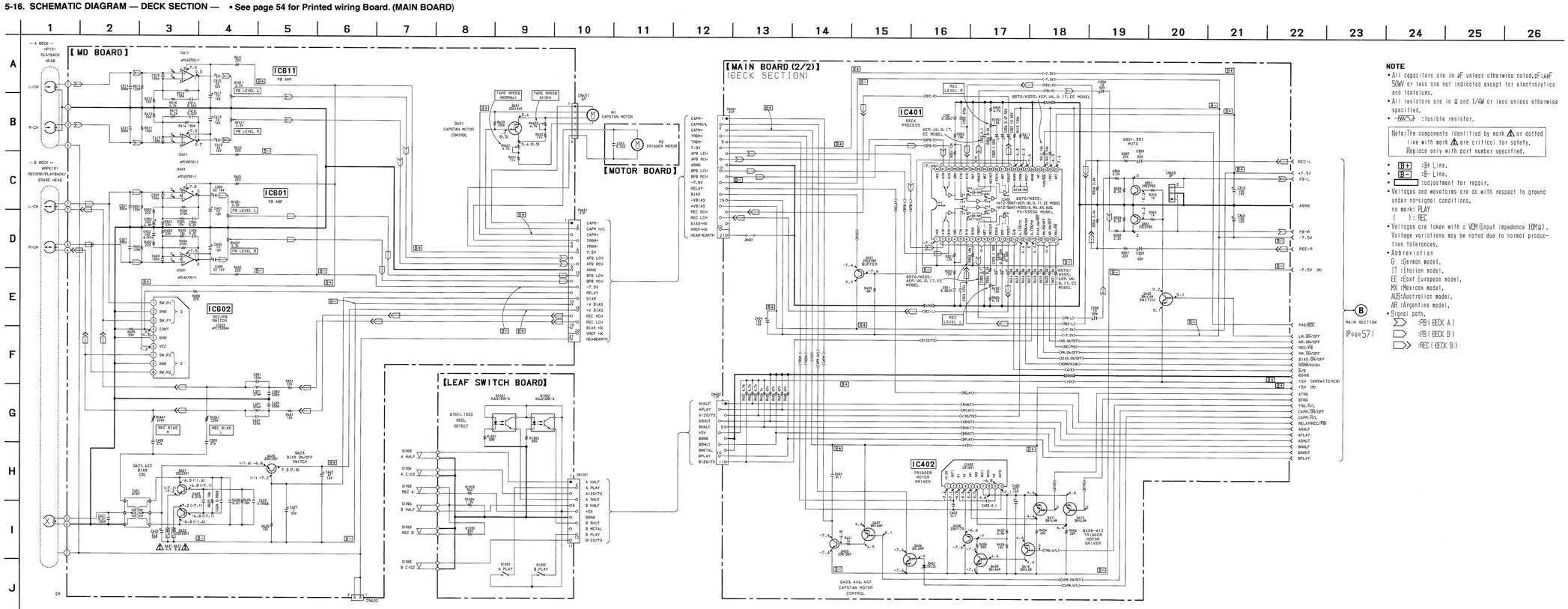
IC401 HA12196T



IC402 LB1641



5-16. SCHEMATIC DIAGRAM — DECK SECTION — • See page 54 for Printed wiring Board. (MAIN BOARD)



NOTE

- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- -6W- : fusible resistor.

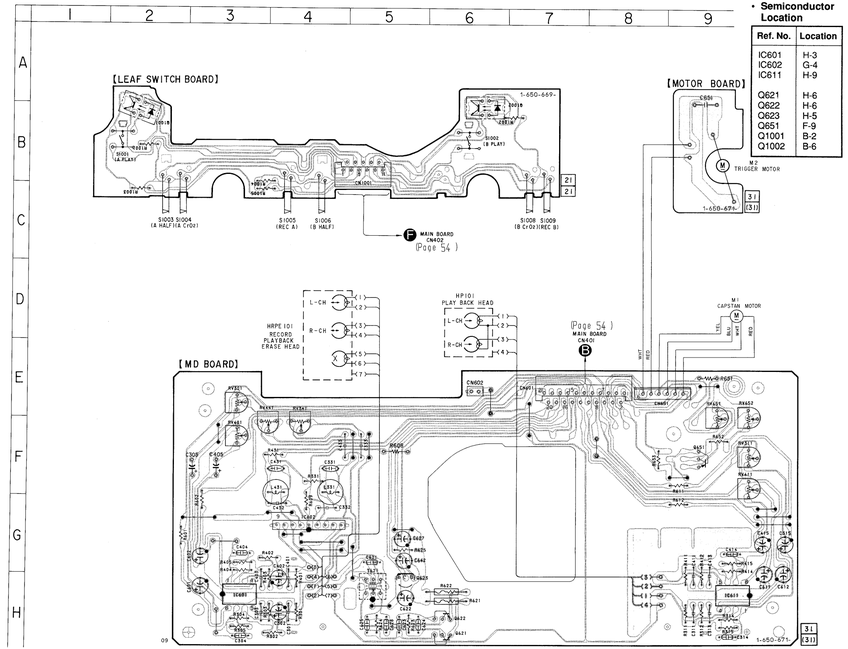
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

- B+ : B+ Line.
- B- : B- Line.
- ▭ : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal conditions. no mark: PLAY ( ): REC
- Voltages are taken with a VOM (input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  G : German model.
  IT : Italian model.
  EE : East European model.
  MX : Mexican model.
  AUS: Australian model.
  AR : Argentine model.
- Signal path.
  : PB (DECK A)
  : PB (DECK B)
  : REC (DECK B)

5-17. PRINTED WIRING BOARD — DECK SECTION —

• See page 18 for Circuit Boards Location.

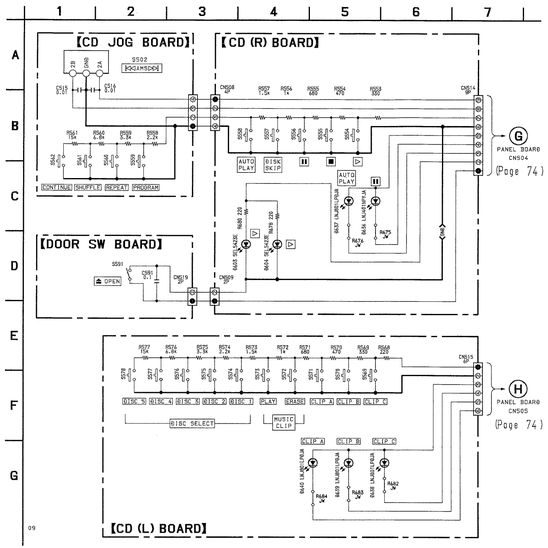
Note:
- ○—— : parts extracted from the component side.
- ▭ : Pattern from the side which enable seeing.



• Semiconductor Location

Ref. No.	Location
IC601	H-3
IC602	G-4
IC611	H-9
Q621	H-6
Q622	H-6
Q623	H-5
Q651	F-9
Q1001	B-2
Q1002	B-6

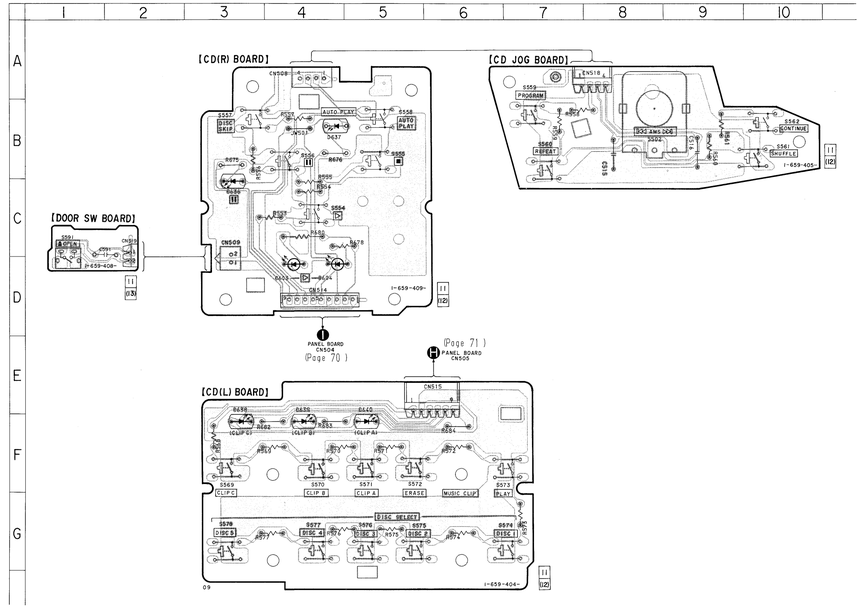
5-18. SCHEMATIC DIAGRAM — CD PANEL SECTION —


【CD JOG BOARD】
【CD (R) BOARD】
【DOOR SW BOARD】
【CD (L) BOARD】
S502 JOGSWSDC6
CONTINUE SHUFFLE REPEAT PROGRAM
AUTO PLAY DISC SKIP
DISC 5 DISC 4 DISC 3 DISC 2 DISC 1 PLAY ERASE CLIP A CLIP B CLIP C
DISC SELECT
MUSIC CLIP
CLIP A CLIP B CLIP C
S501 OPEN
(Page 74) PANEL BOARD CN504
(Page 74) PANEL BOARD CN505

NOTE
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- ▭ : panel designation.
- JW : Jumper Wire

5-19. PRINTED WIRING BOARD — CD PANEL SECTION —

• See page 18 for Circuit Boards Location.



Note:
- ○—— : parts extracted from the component side.
- ▭ : Pattern from the side which enable seeing.

5-20. PRINTED WIRING BOARD — PANEL SECTION —

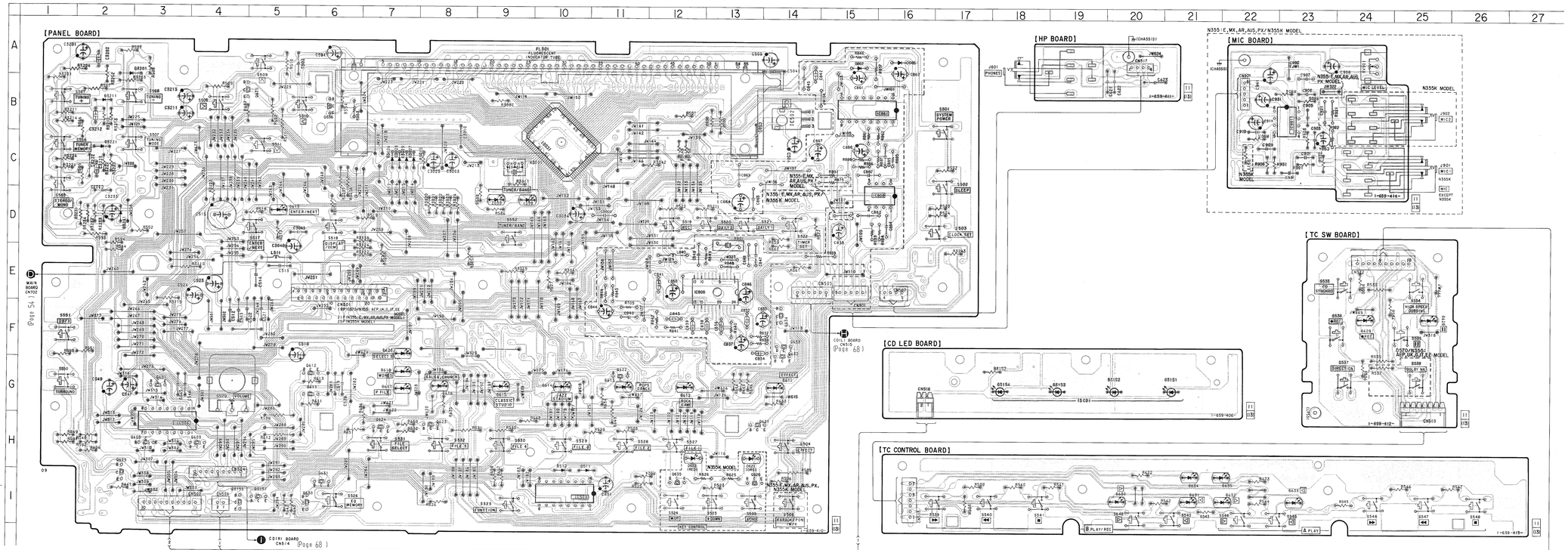
• See page 18 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D503	F-5
D511	H-10
D512	H-10
D601	D-9
D602	D-9
D611	G-14
D612	G-12
D613	G-11
D614	G-10
D615	G-9
D616	G-8
D617	G-7
D618	G-7
D619	D-5
D620	F-7
D621	H-13
D622	H-12
D628	F-25
D629	F-24
D630	I-20
D631	I-21
D632	I-22
D633	I-23
D634	I-21
D635	I-22
D861	A-16
D862	A-15
D3026	C-7
D3027	C-7
D3028	C-7
D3029	C-7
D3151	G-21
D3152	G-20
D3153	G-19
D3154	G-18
D3201	A-3
D3211	B-2
D3221	C-2
D3231	D-2
IC501	C-10
IC502	B-14
IC503	I-10
IC504	H-3
IC806	E-13
IC808	D-16
IC861	B-15
IC901	B-23
Q601	G-3
Q603	H-4
Q605	H-3
Q611	G-6
Q612	G-6
Q621	H-14
Q622	G-11
Q623	H-8
Q624	H-7
Q625	B-5
Q626	I-13
Q629	H-2
Q630	I-6
Q631	I-6
Q632	F-14
Q633	F-14
Q634	F-14
Q635	I-12
Q636	B-6
Q3141	E-16
Q3151	I-5
Q3152	I-4

Note:

- ○—— : parts extracted from the component side.
- —— : parts extracted from the conductor side.
- △ : internal component.
- □ : Pattern from the side which enable seeing.
- Abbreviation
  - G : German model.
  - IT : Italian model.
  - EE : East European model.
  - EA : Saudi Arabia model.
  - MX : Mexican model.
  - SP : Singapore model.
  - MY : Malaysia model.
  - AUS : Australian model.
  - AR : Argentine model.
  - TH : Thailand model.
  - IA : Indonesian model.

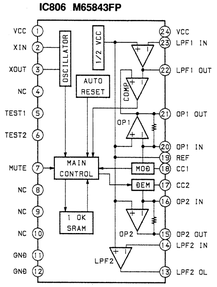


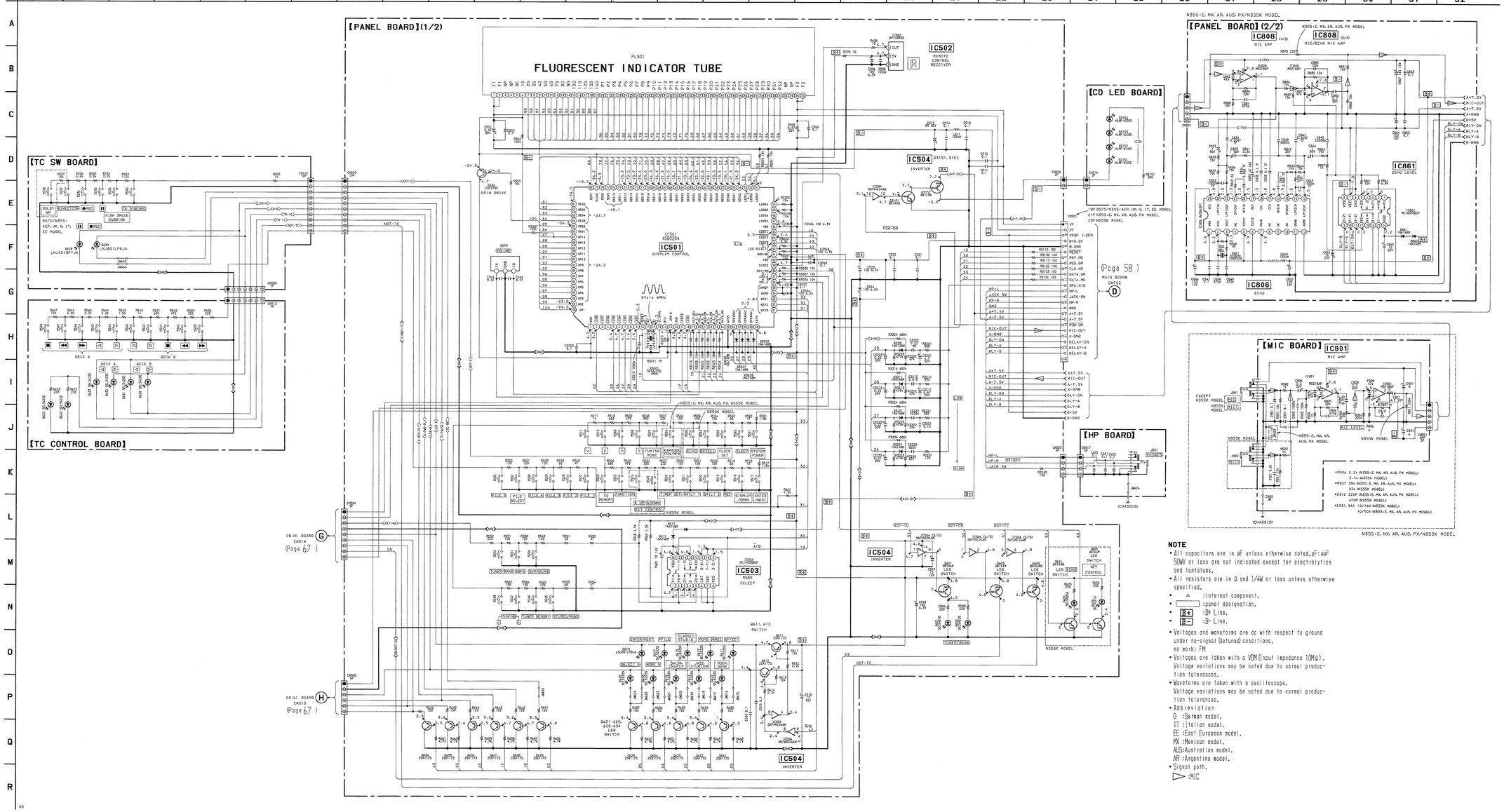
5-21. SCHEMATIC DIAGRAM — PANEL SECTION —

• See page 19 for IC Pin Function. (IC501)

• IC Block Diagram

IC806 M65843FP





NOTE

- All capacitors are in μF unless otherwise noted. pF: μF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- • △ :Internal component.
- • ▭ :panel designation.
- • B+ :B+ Line.
- • B− :B− Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark: FM
- Voltages are taken with a VOM (input impedance 10MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Abbreviation
  G :German model.
  IT :Italian model.
  EE :East European model.
  MX :Mexican model.
  AUS:Australian model.
  AR :Argentine model.
- Signal path.
  ▷ :MIC

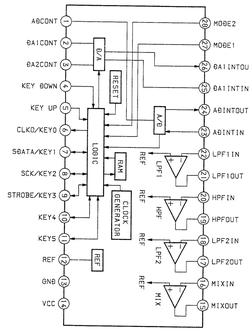
Note:
- ○—— : parts extracted from the component side.
- —— : parts extracted from the conductor side.
- ▭ : Pattern from the side which enable seeing.

- **Semiconductor Location**

Ref. No.	Location
IC1401	B-2
IC1043	C-2
Q1401	C-3
Q1403	B-3

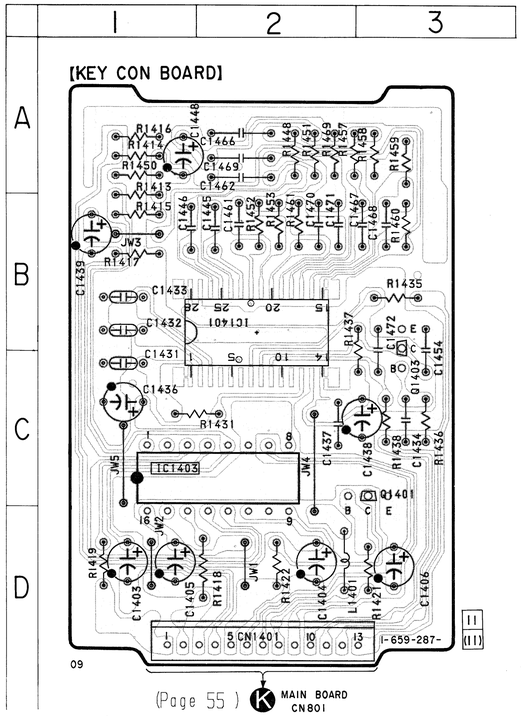
- **IC Block Diagram**

IC1401 M65847FP

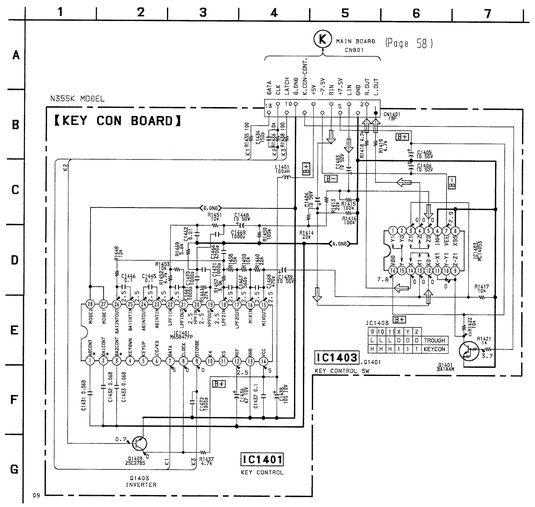


5-22. PRINTED WIRING BOARD — KEY CON SECTION — (N355K MODEL ONLY)

• See page 18 for Circuit Boards Location



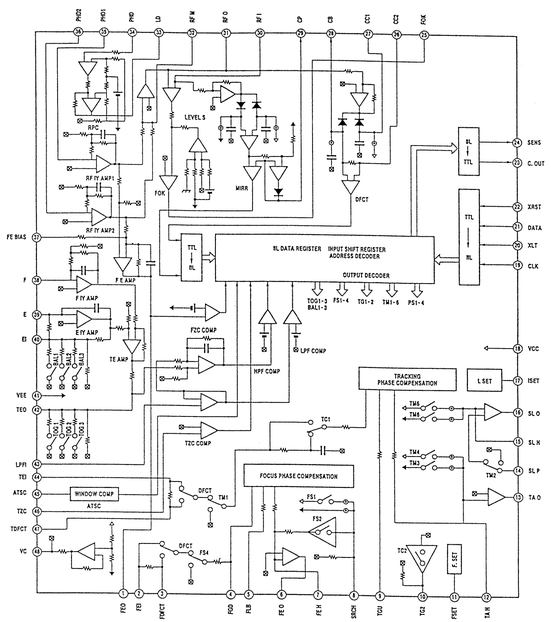
5-23. SCHEMATIC DIAGRAM — KEY CON SECTION — (N355K MODEL ONLY)



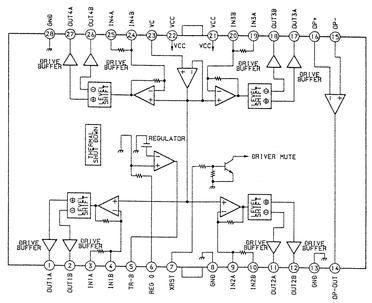
NOTE
- All capacitors are in μF unless otherwise noted. pF: μF
  50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- B+ : B+ Line.
- B- : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark: FM
  * : can not be measured.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : FM

5-24. IC BLOCK DIAGRAMS — CD SECTION —

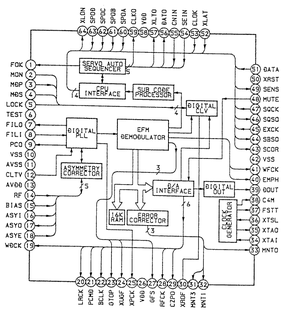
IC101 CXA1782BQ



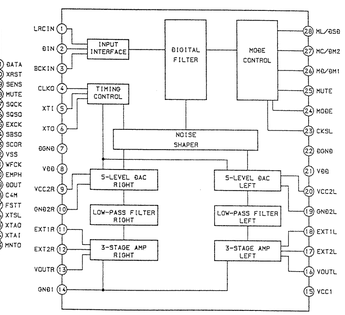
IC102 BA6397FP



IC103 CXD2507AQ



IC104 PCM1710U



SECTION 6
EXPLODED VIEWS

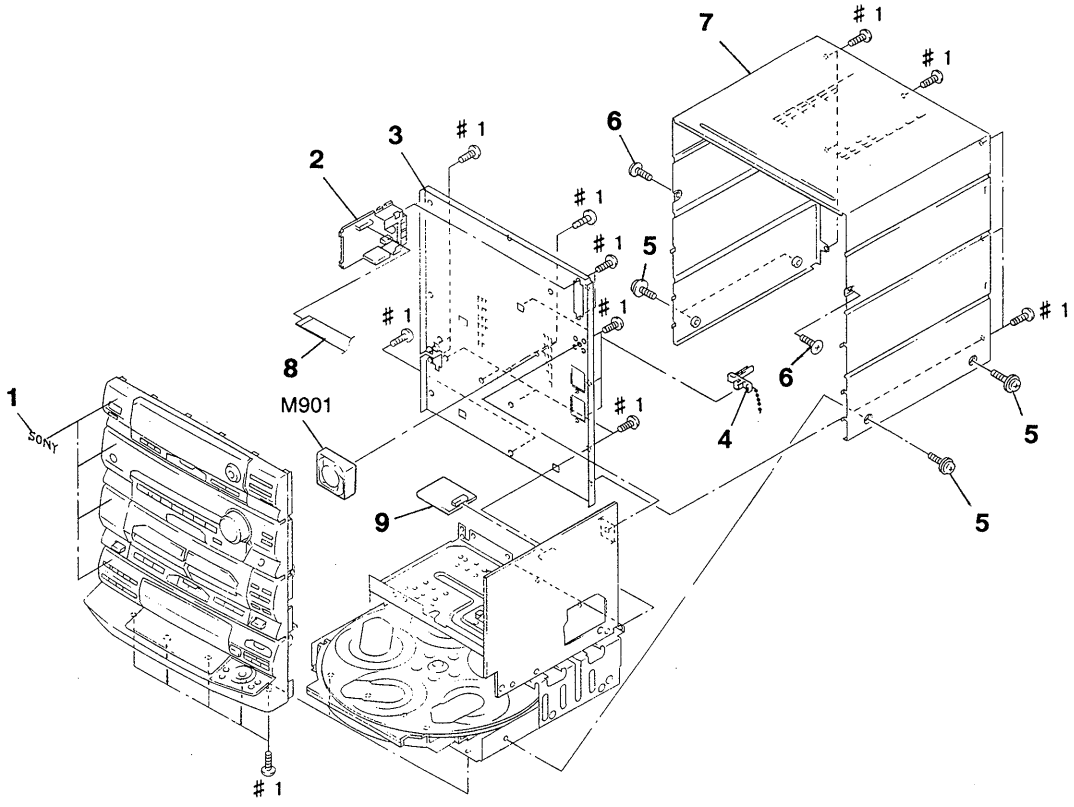
NOTE:
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

- Abbreviation
  - CND : Canadian model
  - G : German model
  - IT : Italian model
  - EE : East European model
  - EA : Saudi Arabia model
  - MX : Mexican model
  - SP : Singapore model
  - MY : Malaysia model
  - AUS : Australian model
  - AR : Argentine model
  - TH : Thailand model
  - IA : Indonesian model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

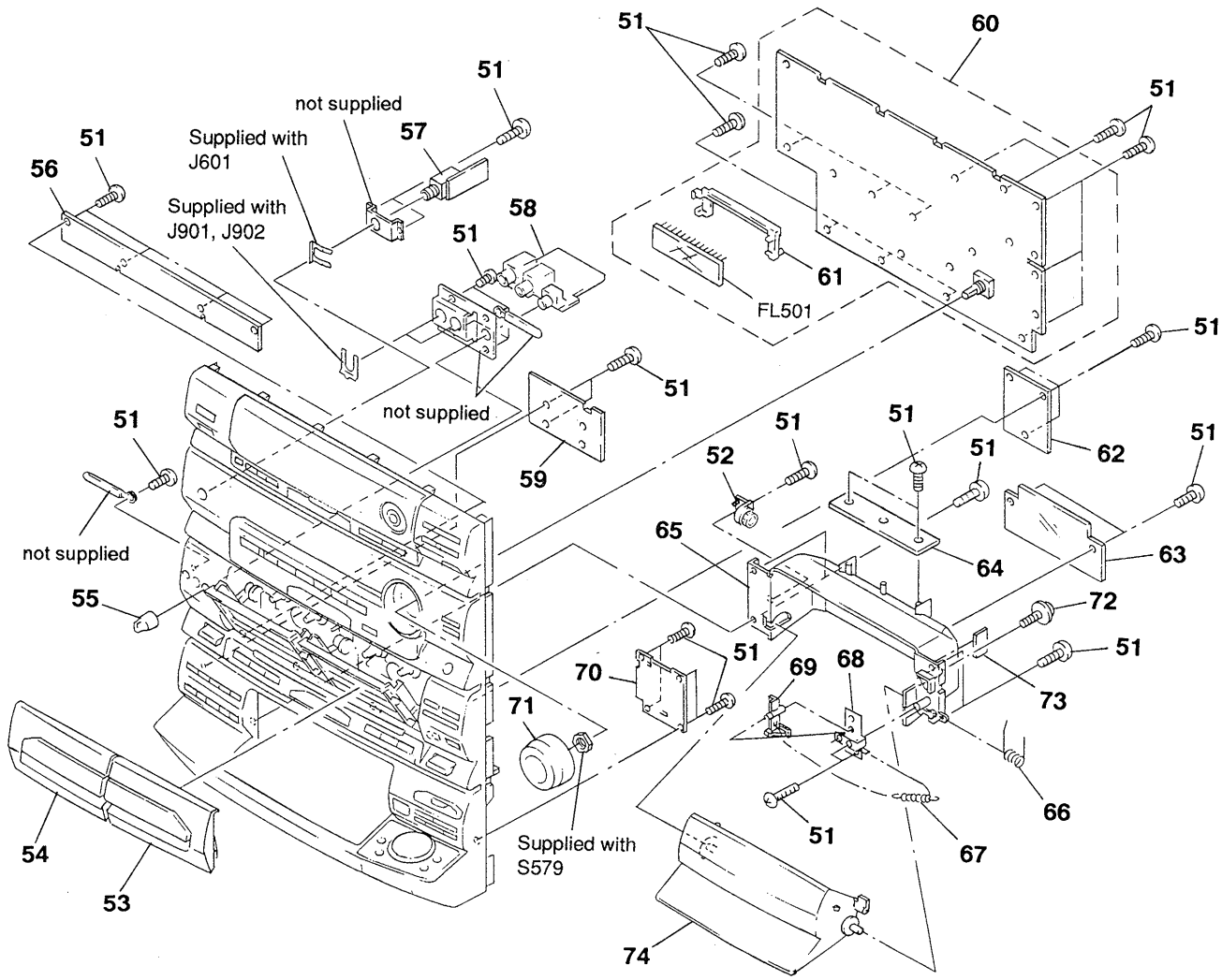
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

6-1. CASE AND BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark
1	4-963-404-21	EMBLEM (5-A), SONY	
* 2	A-4303-502-A	TCB BOARD, COMPLETE (N355:AEP, UK)	
* 2	A-4303-503-A	TCB BOARD, COMPLETE (N355:IT, G)	
* 2	A-4303-504-A	TCB BOARD, COMPLETE (N355:EE)	
* 2	A-4303-507-A	TCB BOARD, COMPLETE (N355K:EA)	
* 2	A-4303-510-A	TCB BOARD, COMPLETE (D570)	
* 2	A-4303-513-A	TCB BOARD, COMPLETE (N355:E, AUS, PX, MX, AR/N355K:E, SP, IA)	
* 2	A-4303-525-A	TCB BOARD, COMPLETE (N355K:MY)	
* 2	A-4303-555-A	TCB BOARD, COMPLETE (N355K:TH)	
* 3	4-978-189-01	PANEL, BACK (N355:AEP)	
* 3	4-978-189-11	PANEL, BACK (N355:G)	
* 3	4-978-189-21	PANEL, BACK (N355:IT)	
* 3	4-978-189-31	PANEL, BACK (N355:UK)	
* 3	4-978-189-51	PANEL, BACK (N355:EE)	
* 3	4-978-189-61	PANEL, BACK (D570:US)	
* 3	4-978-189-71	PANEL, BACK (D570:CND)	
* 3	4-978-190-01	PANEL, BACK (N355:E)	
* 3	4-978-190-11	PANEL, BACK (N355:AR)	
* 3	4-978-190-21	PANEL, BACK (N355:AUS)	
* 3	4-978-190-31	PANEL, BACK (N355:PX)	
* 3	4-978-190-41	PANEL, BACK (N355:MX)	
* 3	4-978-190-51	PANEL, BACK (N355K:E, IA)	
* 3	4-978-190-61	PANEL, BACK (N355K:EA)	
* 3	4-978-190-71	PANEL, BACK (N355K:SP2)	
* 3	4-978-190-81	PANEL, BACK (N355K:SP4)	
* 3	4-978-190-91	PANEL, BACK (N355K:MY, TH)	
4	4-956-370-12	BAND, PLUG FIXED (N355:AUS, UK)	
5	4-929-973-01	SCREW (CASE, 3 POINT)	
6	3-363-099-01	SCREW (CASE 3 TP2)	
* 7	4-978-177-11	CASE	
8	1-751-086-11	WIRE (FLAT TYPE) (13 CORE) (EXCEPT N355:AEP, UK, G, IT, EE)	
8	1-773-012-11	WIRE (FLAT TYPE) (15 CORE) (N355:AEP, UK, G, IT, EE)	
* 9	A-4389-020-A	KEYCON BOARD, COMPLETE (N355K)	
M901	1-698-659-11	FAN, DC (D570)	

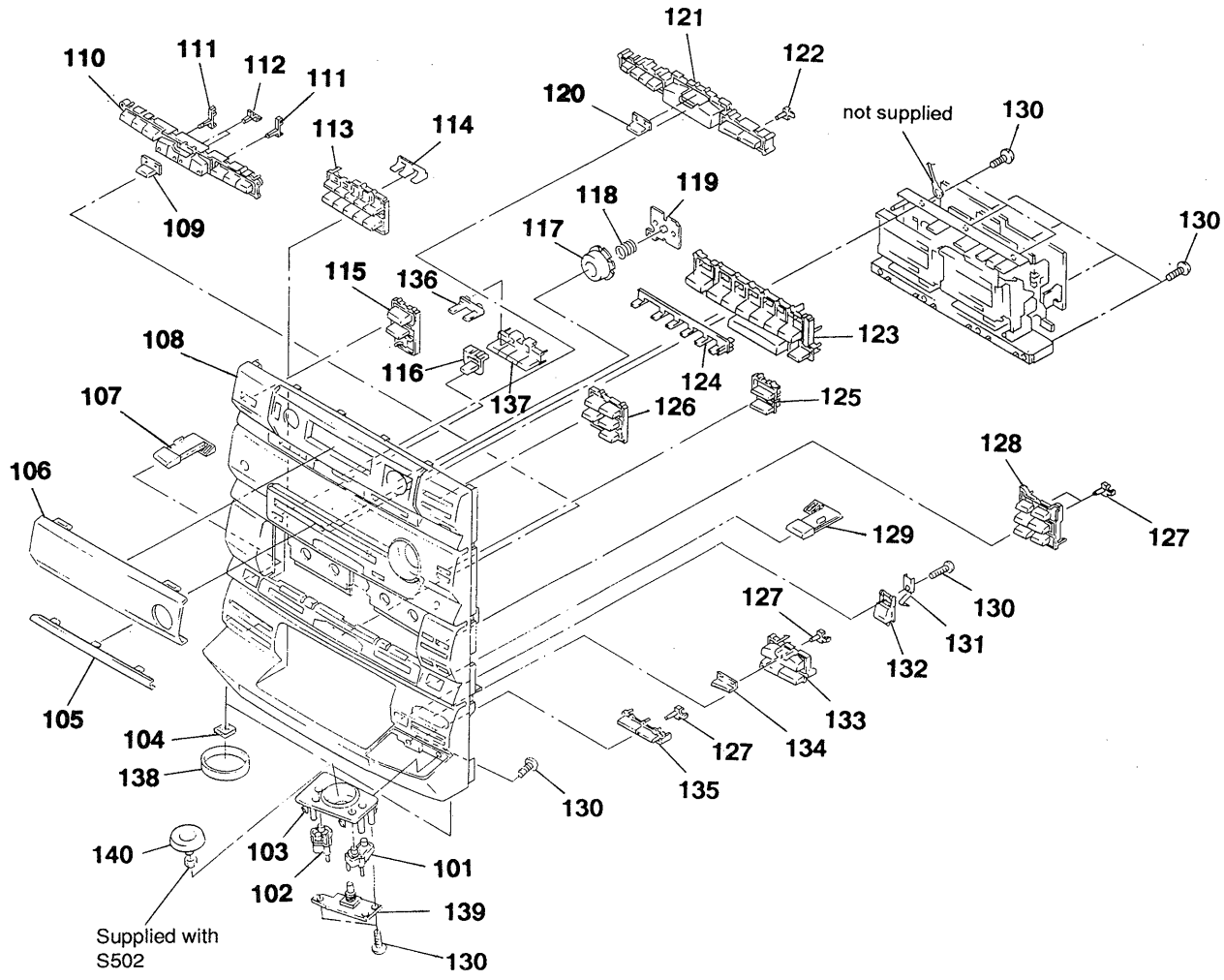
6-2. PANEL BOARD SECTION



Ref. No.	Part No.	Description	Remark
51	4-951-620-01	SCREW (2.6X8), +BVTP	
52	3-354-963-21	DAMPER	
53	X-4946-636-1	LID (B) ASSY, CASSETTE	
54	X-4946-635-1	LID (A) ASSY, CASSETTE	
55	4-973-644-01	KNOB (MIC) (N355:E, MX, AR, AUS, PX/N355K)	
* 56	1-659-413-11	TC CONTROL BOARD	
* 57	1-659-411-11	HP BOARD	
* 58	1-659-414-11	MIC BOARD (N355:E, MX, AR, AUS, PX/N355K)	
* 59	1-659-404-11	CD (L) BOARD	
* 60	A-4389-673-A	PANEL BOARD, COMPLETE (D570/N355:AEP, UK, G, IT, EE)	
* 60	A-4389-678-A	PANEL BOARD, COMPLETE (N355:E, MX, AR, AUS, PX)	
* 60	A-4390-148-A	PANEL BOARD, COMPLETE (N355K:MY)	
* 60	A-4390-155-A	PANEL BOARD, COMPLETE (N355K:E, EA, SP, IA)	
* 60	A-4390-205-A	PANEL BOARD, COMPLETE (N355K:TH)	

Ref. No.	Part No.	Description	Remark
61	4-971-014-11	HOLDER, FL TUBE	
* 62	1-659-412-11	TC SW BOARD	
63	4-980-060-01	INDICATOR (COVER)	
* 64	1-659-406-11	CD LED BOARD	
65	4-978-140-11	COVER (CD)	
66	4-978-171-01	SPRING, TORSION	
67	4-978-170-01	SPRING, TENSION	
* 68	4-978-169-01	BRACKET (OPEN)	
69	4-978-141-01	LEVER, LOCK	
* 70	1-659-409-11	CD (R) BOARD	
71	4-978-142-01	KNOB (V)	
72	4-957-577-01	SCREW +PTPWH (2.6X8)	
* 73	1-659-408-11	DOOR SW BOARD	
74	4-978-139-01	LID, DISC	
FL501	1-517-490-21	INDICATOR TUBE, FLUORESCENT	

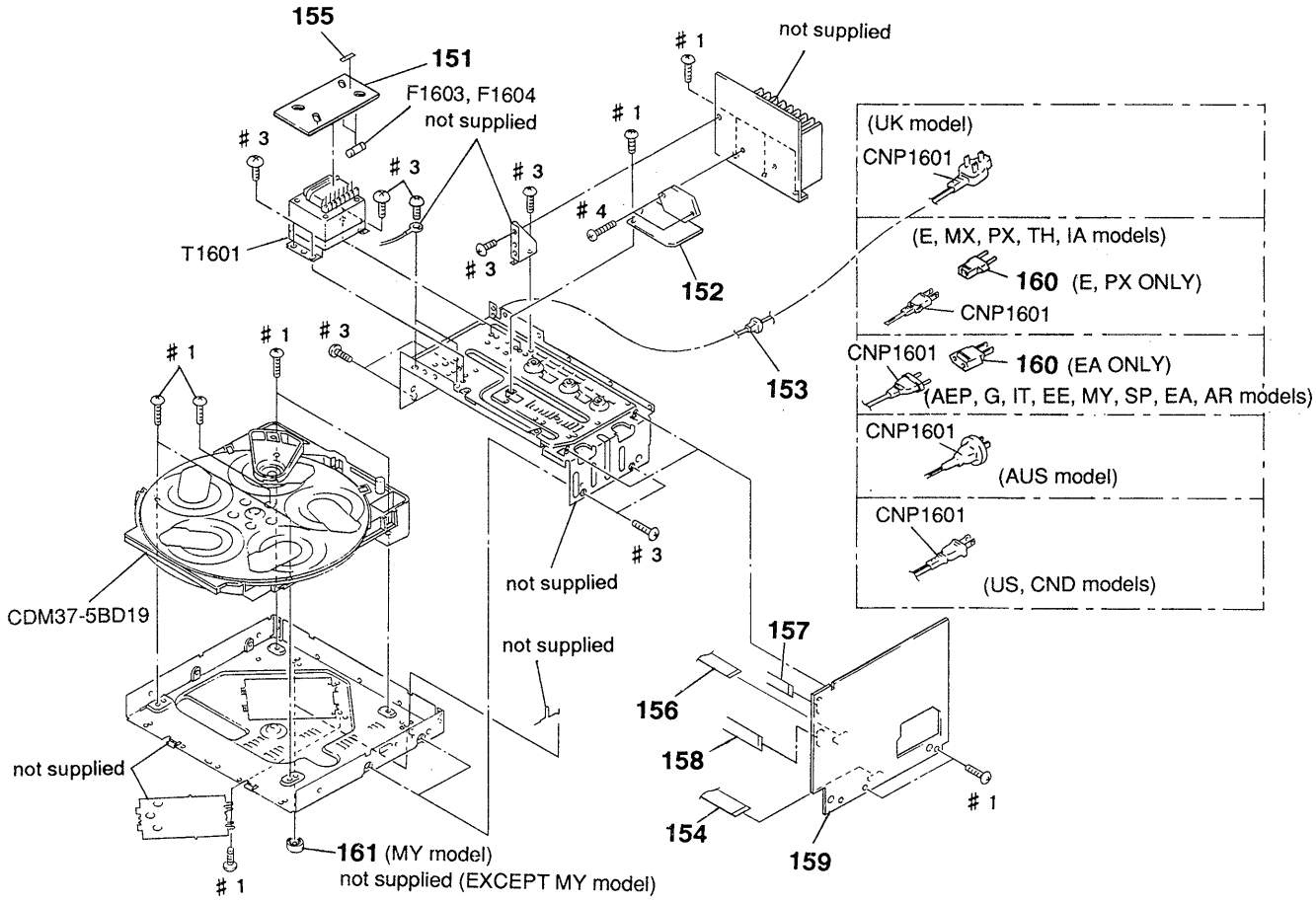
6-3. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark
101	4-978-153-01	BUTTON (PROGRAM)	
102	4-978-712-01	BUTTON (SHUFFLE)	
103	4-978-155-01	PLATE, ORNAMENTAL	
104	4-948-236-01	CUSHION (107)	
105	4-978-134-11	DISPLAY (TA) (N355K)	
105	4-978-134-21	DISPLAY (TA) (D570/N355)	
106	4-978-131-01	DISPLAY (ST)	
107	4-978-146-01	BUTTON (EJECT-L)	
108	4-978-114-01	PANEL, FRONT (N355:AEP, UK, G, IT, EE)	
108	4-978-114-11	PANEL, FRONT (N355:E, MX, AR, AUS, PX)	
108	4-978-114-21	PANEL, FRONT (N355K)	
108	4-978-114-31	PANEL, FRONT (D570)	
109	4-978-157-01	INDICATOR (TC)	
110	4-978-145-01	BUTTON (TC)	
111	4-978-159-01	INDICATOR (REV)	
112	4-978-158-01	INDICATOR (FWD)	
113	4-978-127-11	BUTTON (DISC 5)	
114	4-978-160-01	INDICATOR (CLIP)	
115	4-978-118-01	BUTTON (POWER)	
116	4-978-151-01	BUTTON (PON) (N355:E, MX, AR, AUS, PX)	
117	4-978-119-01	BUTTON (CURSOR)	
118	4-978-683-01	SPRING, COMPRESSION	
119	4-978-682-01	COVER (CURSOR)	
120	4-978-135-01	INDICATOR (BAND)	

Ref. No.	Part No.	Description	Remark
121	4-978-121-11	BUTTON (BAND)	
122	4-978-136-01	INDICATOR (ENTER)	
123	4-978-123-01	BUTTON (FU)	
124	4-978-681-01	INDICATOR (SE5)	
125	4-978-122-01	BUTTON (DBFB)	
126	4-978-120-01	BUTTON (TUNING)	
127	4-978-161-01	INDICATOR (PAUSE)	
128	4-978-144-01	BUTTON (DUBBING) (D570/N355:AEP, UK, G, IT, EE)	
128	4-978-144-11	BUTTON (DUBBING) (N355:E, MX, AR, AUS, PX/N355K)	
129	4-978-147-01	BUTTON (EJECT-R)	
130	4-951-620-01	SCREW (2.6X8), +BVTP	
131	4-980-061-01	SPRING (OPEN)	
132	4-978-130-01	BUTTON (OPEN)	
133	4-978-128-01	BUTTON (PLAY)	
134	4-978-137-01	INDICATOR (PLAY)	
135	4-978-152-01	BUTTON (AUTO)	
136	4-978-156-01	INDICATOR (KARAOKE) (N355K)	
137	4-978-150-01	BUTTON (KARAOKE) (N355K)	
138	4-921-918-11	PLATE, ORNAMENTAL	
* 139	1-659-405-11	CD JOG BOARD	
140	4-978-154-01	KNOB (DISC)	

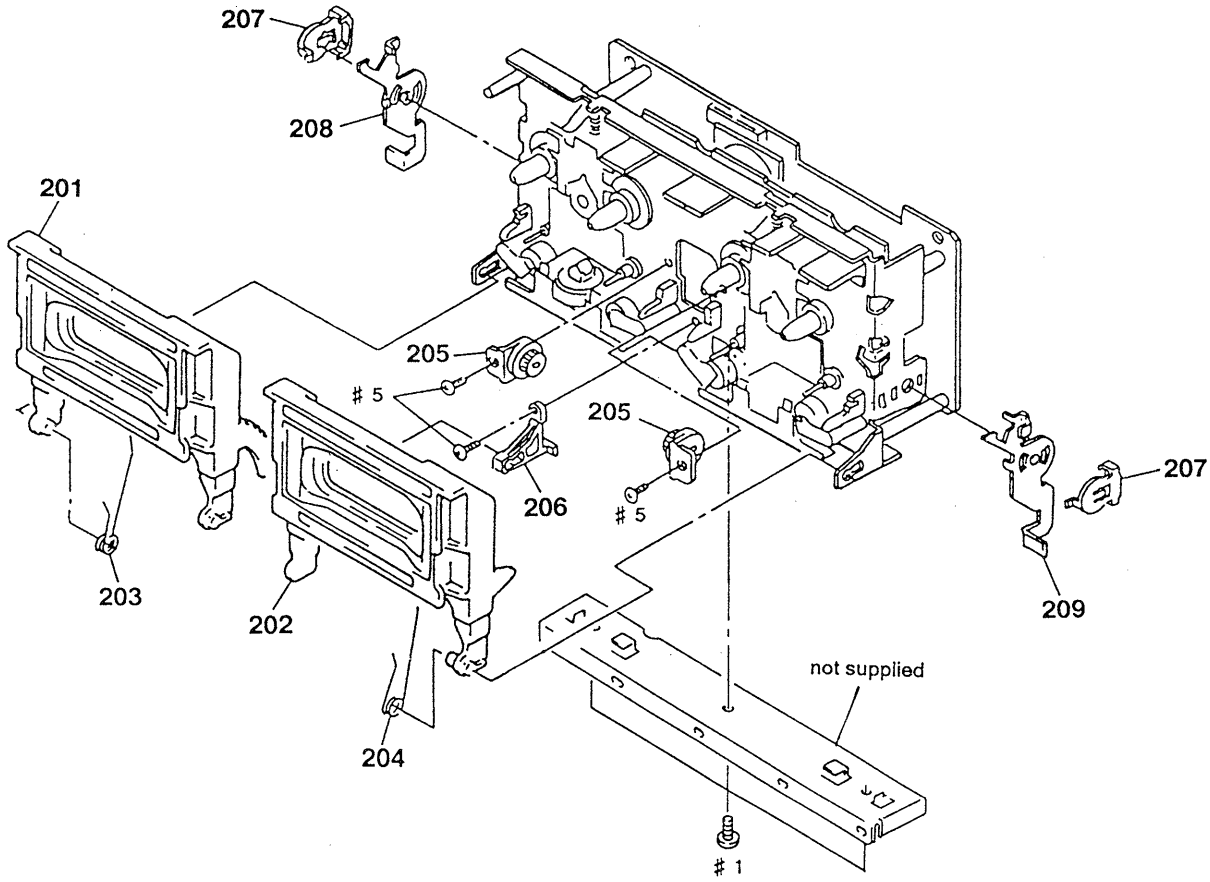
6-4. CHASSIS SECTION



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

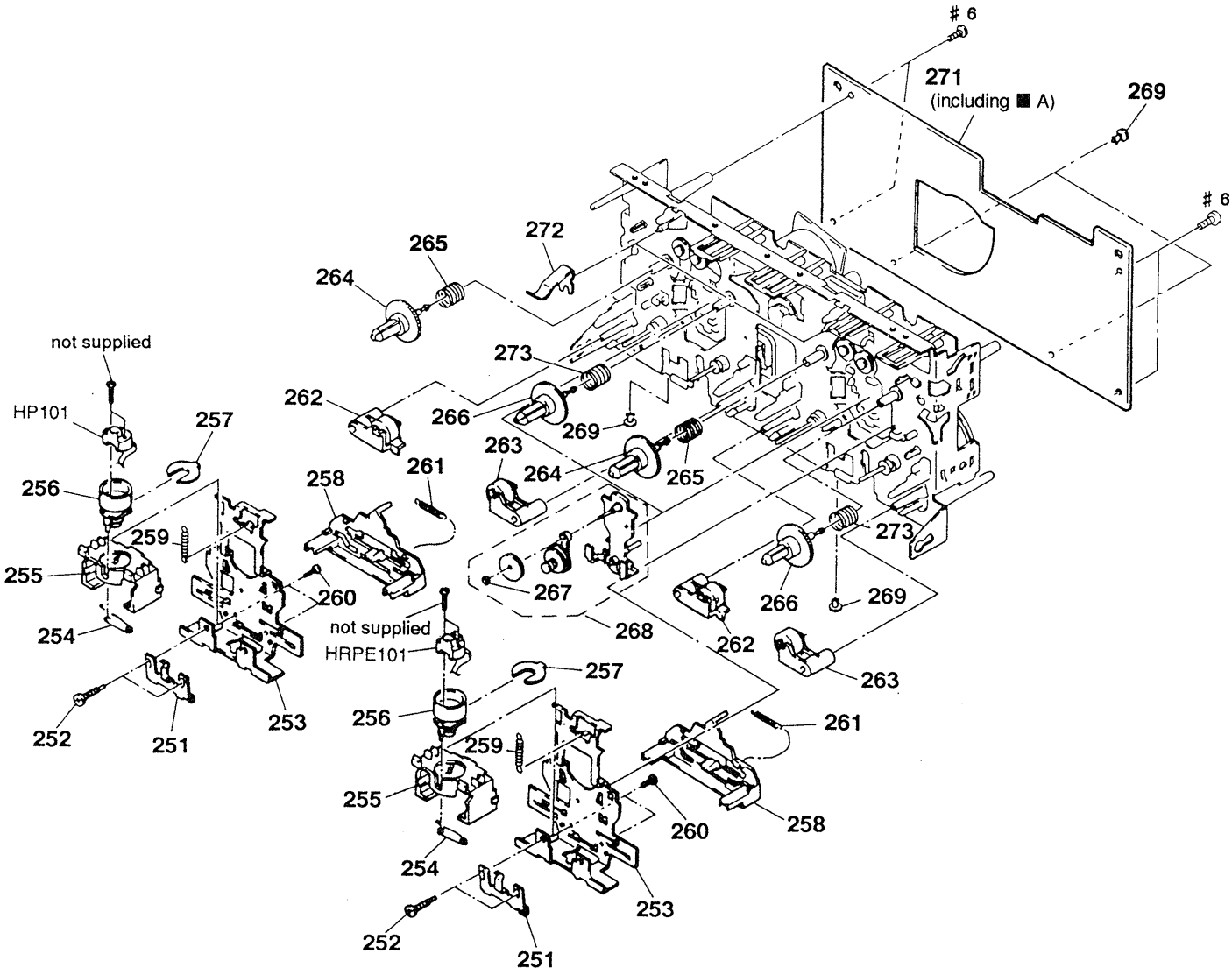
Ref. No.	Part No.	Description	Remark
* 151	1-659-218-11	TRANS BOARD	
* 152	A-4378-988-A	POWER AMP BOARD, COMPLETE (N355:AEP, UK, G, IT, EE)	
* 152	A-4378-998-A	POWER AMP BOARD, COMPLETE (N355:E, MX, AR, AUS, PX/N355K:E, EA, SP, IA)	
* 152	A-4389-671-A	POWER AMP BOARD, COMPLETE (D570:US, CND)	
* 152	A-4390-149-A	POWER AMP BOARD, COMPLETE (N355K:MY)	
* 152	A-4390-206-A	POWER AMP BOARD, COMPLETE (N355K:TH)	
* 153	3-703-244-00	BUSHING (2104), CORD (D570/N355:AEP, UK, G, IT, EE, AR, AUS/N355K:EA, MY, SP)	
* 153	4-966-266-01	BUSHING (S) (FBS002), CORD (N355:E, MX, PX/N355K:E, TH, IA)	
154	1-776-238-11	WIRE (FLAT TYPE) (19 CORE)	
* 155	3-701-946-27	LABEL, FUSE RATING (D570)	
156	1-590-218-11	WIRE (FLAT TYPE) (11 CORE)	
157	1-765-338-11	WIRE (FLAT TYPE) (21 CORE)	
158	1-773-119-11	WIRE (FLAT TYPE) (19 CORE) (D570/N355:AEP, UK, G, IT, EE)	
158	1-773-154-11	WIRE (FLAT TYPE) (21 CORE) (N355:E, MX, AR, AUS, PX)	
158	1-773-220-11	WIRE (FLAT TYPE) (25 CORE) (N355K)	
* 159	A-4378-981-A	MAIN BOARD, COMPLETE (N355:AEP, UK, G, IT, EE)	
* 159	A-4378-993-A	MAIN BOARD, COMPLETE (N355:E, MX, AR, AUS, PX)	
* 159	A-4389-002-A	MAIN BOARD, COMPLETE (N355K:E, SP, IA)	
* 159	A-4389-666-A	MAIN BOARD, COMPLETE (D570)	
* 159	A-4390-150-A	MAIN BOARD, COMPLETE (N355K:MY)	
* 159	A-4390-158-A	MAIN BOARD, COMPLETE (N355K:EA)	
* 159	A-4390-207-A	MAIN BOARD, COMPLETE (N355K:TH)	
⚠160	1-569-007-11	ADAPTER, CONVERSION 2P (N355:PX/N355K:E)	
⚠160	1-569-008-21	ADAPTER, CONVERSION 2P (N355K:EA)	
⚠CNP16011	1-555-750-00	CORD, POWER (N355:AR/N355K:EA)	
⚠CNP16011	1-558-943-51	CORD, POWER (N355:E, MX, PX/N355K:E, IA)	
⚠CNP16011	1-575-042-21	CORD, POWER (D570)	
⚠CNP16011	1-575-651-21	CORD, POWER (N355:AEP, G, IT, EE/N355K:MY, SP)	
⚠CNP16011	1-696-966-11	CORD, POWER (N355:AUS)	
⚠CNP16011	1-751-326-11	CORD, POWER (N355K:TH)	
⚠CNP16011	1-751-529-11	CORD, POWER (N355:UK)	
⚠F1603	1-532-350-00	FUSE, TIME LAG (T4A/250V) (N355:E, MX, AR, PX/N355K:E, EA, SP, IA)	
⚠F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A/125V) (D570)	
⚠F1604	1-532-259-00	FUSE, TIME LAG (T1. 6A/250V) (N355:AEP, UK, G, IT, EE, E, AR, AUS, PX/N355K)	
⚠T1601	1-429-335-11	TRANSFORMER, POWER (N355:AEP, UK, G, IT, EE)	
⚠T1601	1-429-336-11	TRANSFORMER, POWER (N355:E, MX, AR, AUS, PX/N355K)	
⚠T1601	1-429-337-11	TRANSFORMER, POWER (D570)	

6-5. TC MECHANISM SECTION 1 (TCM-220WR2E)



Ref. No.	Part No.	Description	Remark
* 201	A-4384-062-A	HOLDER (L) ASSY, CASSETTE (N355K:TH)	
201	X-4943-776-1	HOLDER (L) ASSY, CASSETTE (D570/N355/N355K:E, EA, SP)	
201	X-4945-690-1	HOLDER (L) ASSY, CASSETTE (N355K:MY)	
* 202	A-4384-063-A	HOLDER (R) ASSY, CASSETTE (N355K:TH)	
202	X-4943-775-1	HOLDER (R) ASSY, CASSETTE (D570/N355/N355K:E, EA, SP)	
202	X-4945-691-1	HOLDER (R) ASSY, CASSETTE (N355K:MY)	
203	4-959-231-11	SPRING (L), TORSION	
204	4-959-232-11	SPRING (R), TORSION	
205	3-354-963-01	DAMPER	
* 206	3-908-611-01	FULCRUM, HOLDER	
207	3-354-957-01	JOINT (LOCK LEVER)	
* 208	3-354-953-01	LEVER (LOCK LEVER L)	
* 209	3-354-954-01	LEVER (LOCK LEVER R)	

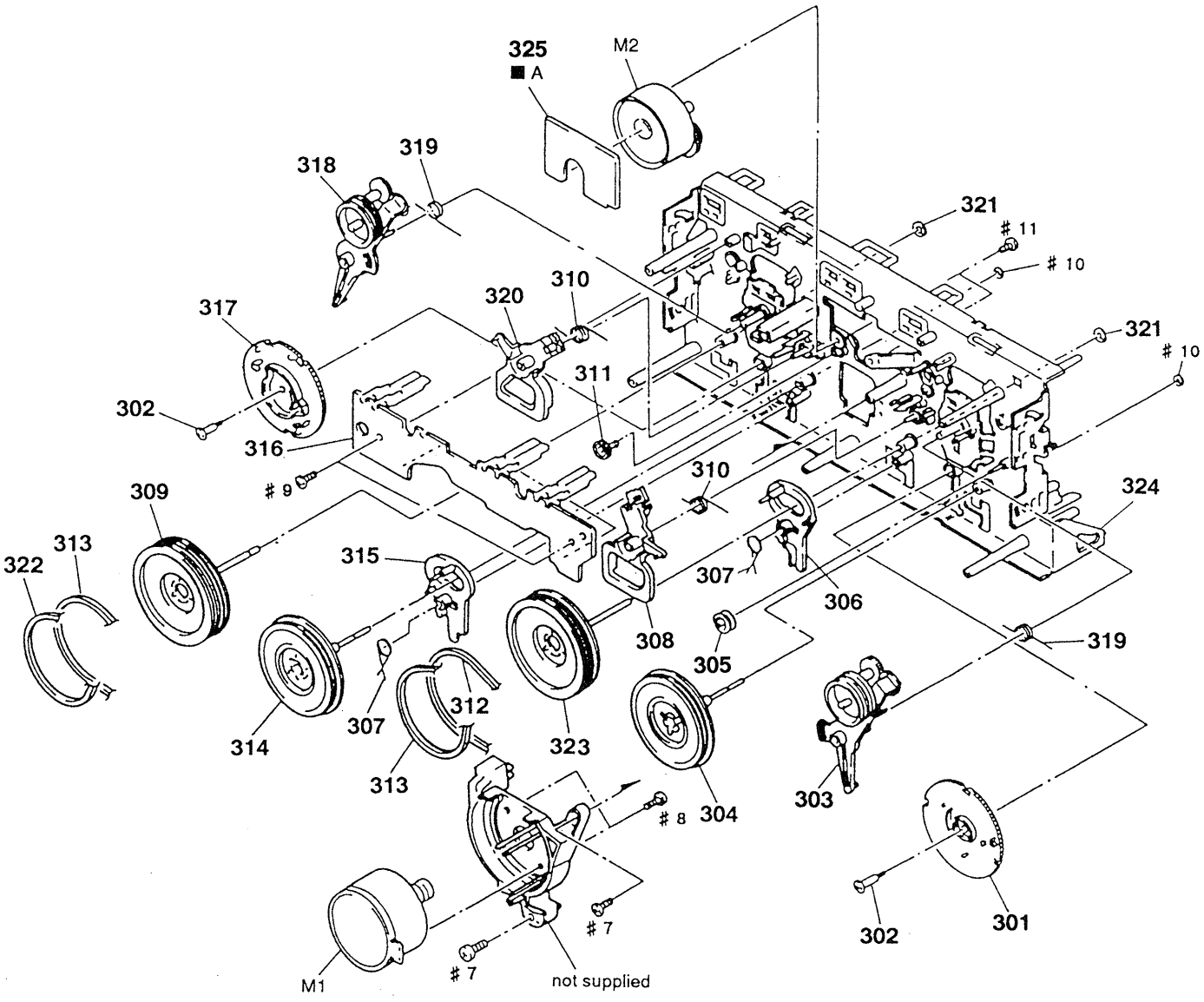
6-6. TC MECHANISM SECTION 2 (TCM-220WR2E)



Ref. No.	Part No.	Description	Remark
251	3-908-560-01	SPRING, AZIMUTH ADJUSTMENT	
252	3-919-684-01	SCREW, AZIMUTH ADJUSTMENT	
* 253	X-3367-584-2	SLIDER (HEAD) ASSY	
254	3-908-556-01	SPRING, HEAD TOGGLE	
255	3-908-558-02	FITTING BLOCK, HEAD	
256	3-908-557-02	ROTARY BLOCK, HEAD	
* 257	3-908-559-01	STOPPER, AZIMUTH	
258	3-908-555-01	SLIDER (REV SLIDER)	
259	3-917-143-11	SPRING, TENSION	
260	3-388-848-01	SCREW (P2X6) (B TIGHT)	
261	3-911-113-01	SPRING, TENSION	
262	X-3370-643-1	PINCH LEVER (REV) ASSY	
263	X-3367-588-1	PINCH LEVER (FWD) ASSY	
264	3-908-613-01	GEAR (S), REEL	
265	3-917-141-01	SPRING, COMPRESSION	
266	X-3371-305-1	REEL (T) ASSY	
267	3-669-465-01	WASHER (1.5), STOPPER	
268	X-3370-173-1	TU ASSY	
269	3-911-116-21	RIVET, PUSH	
* 271	A-2007-435-A	MD BOARD, COMPLETE	
272	3-930-972-01	DETENT, HALF	
273	3-917-142-01	SPRING, COMPRESSION	
HP101	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)	
HRPE101	1-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)	

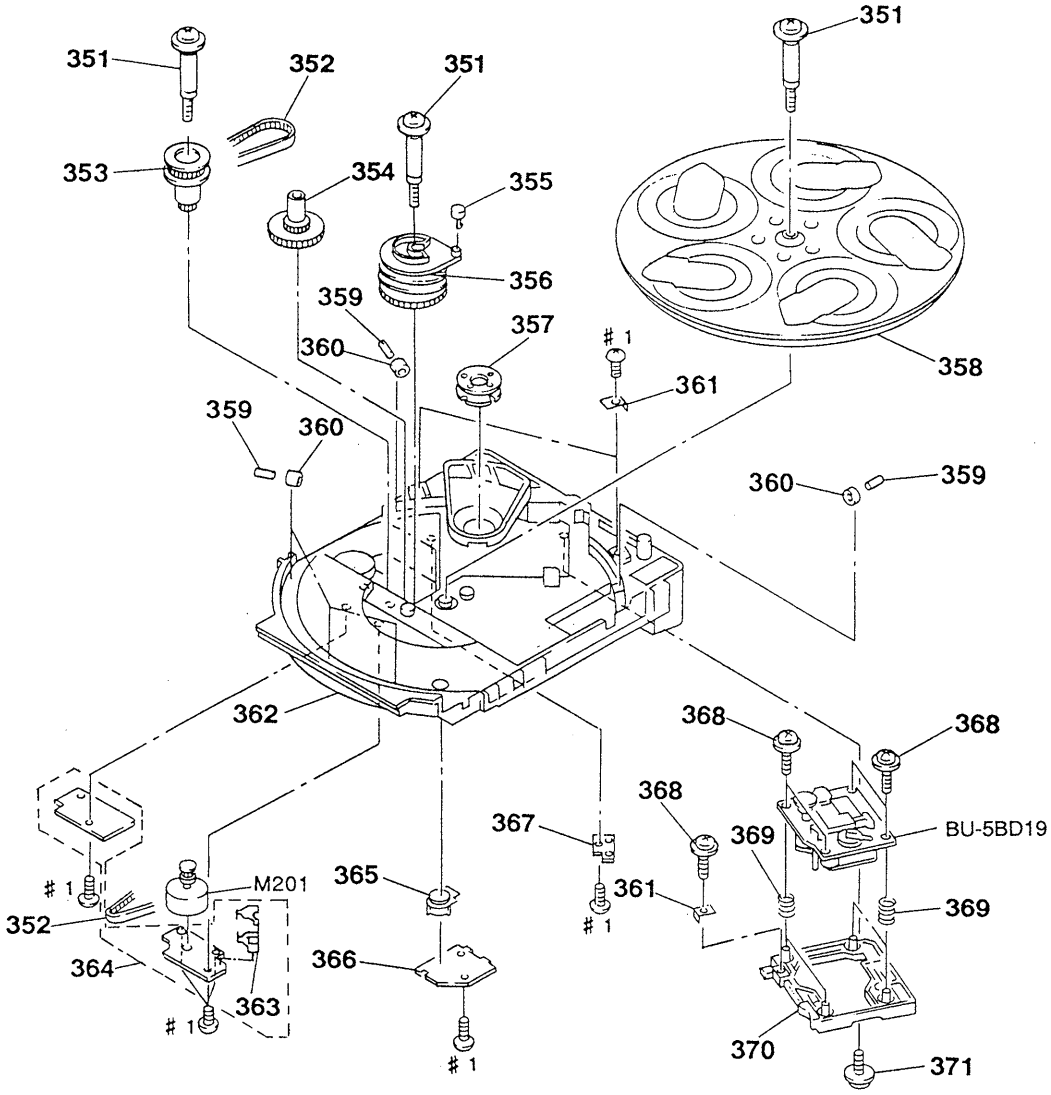
6-7. TC MECHANISM SECTION 3 (TCM-220WR2E)

■ A: MOTOR board (Supplied with MD board.)



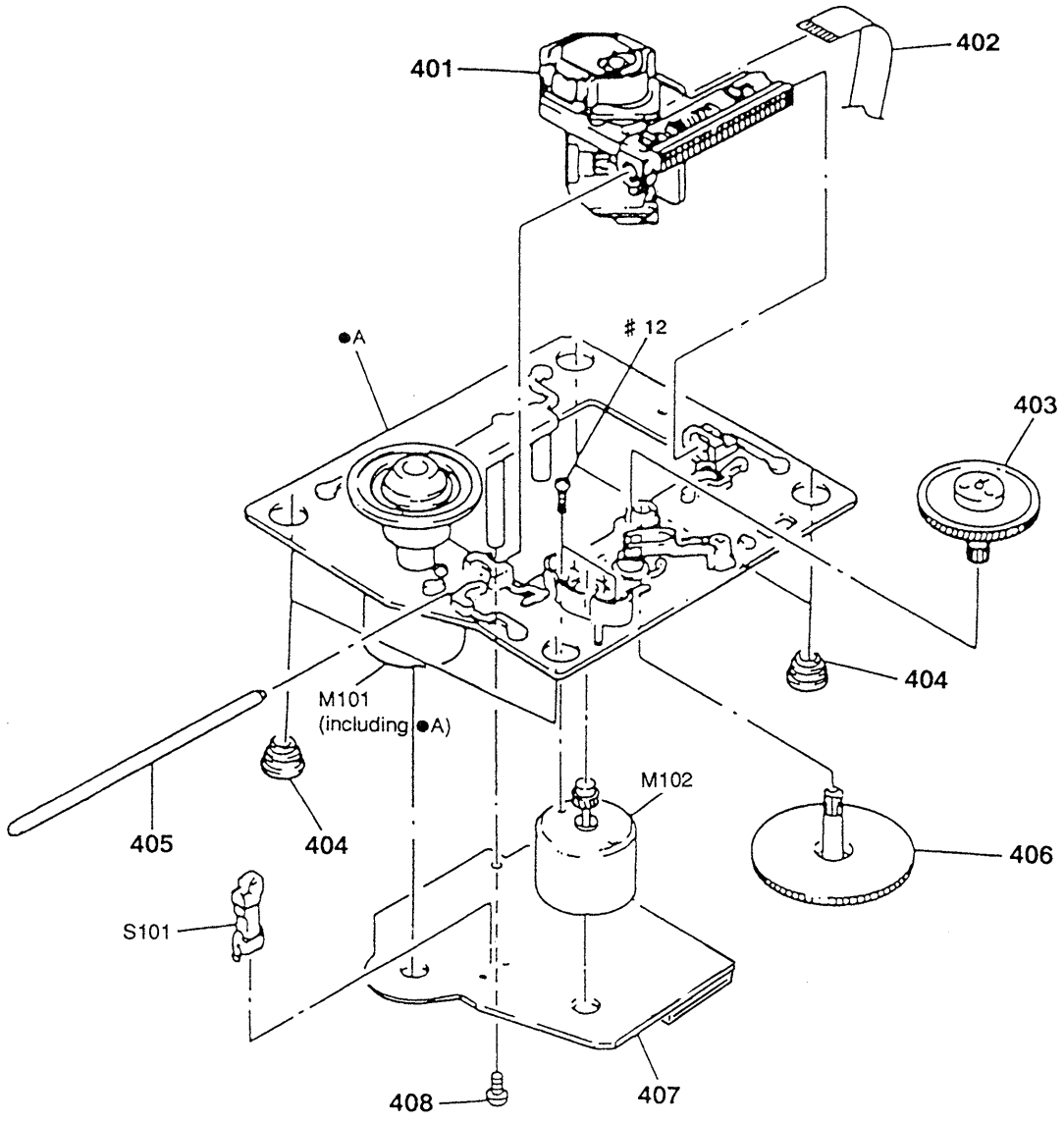
Ref. No.	Part No.	Description	Remark
301	3-908-597-01	CAM (A)	
302	3-908-608-11	SCREW, STEP	
303	X-3367-590-2	ARM (A) ASSY, FR	
304	X-3370-169-1	FLYWHEEL (AR) ASSY	
305	3-928-047-01	PULLEY, TENSION	
306	3-908-599-01	LEVER (REV-A)	
307	3-908-601-01	SPRING (REV LEVER), TORSION	
308	3-908-603-01	LEVER (TRIGGER A)	
309	X-3370-170-1	FLYWHEEL (BF) ASSY	
310	3-908-605-01	SPRING (TRIGGER), TORSION	
311	3-908-609-01	GEAR, TRIGGER	
312	3-913-845-11	BELT (A)	
313	3-913-846-11	BELT (FR)	
314	X-3370-171-1	FLYWHEEL (BR) ASSY	
315	3-908-600-01	LEVER (REV-B)	
* 316	1-650-669-11	LEAF SWITCH BOARD	
317	3-908-598-01	CAM (B)	
318	X-3369-849-2	ARM (B) ASSY, FR	
319	3-914-111-01	SPRING (FR), TORSION	
320	3-908-604-01	LEVER (TRIGGER B)	
321	3-911-115-01	WASHER, STOPPER	
322	3-917-176-11	BELT (B)	
323	X-3370-172-1	FLYWHEEL (AF) ASSY	
324	X-3371-441-1	CHASSIS ASSY, MECHANICAL	
* 325	A-2007-435-A	MD BOARD, COMPLETE	
M1	X-3371-223-1	MOTOR ASSY (CAPSTAN)	
M2	A-2004-410-A	MOTOR ASSY (TRIGGER)	

6-8. CD MECHANISM SECTION (CDM37-5BD19)



Ref. No.	Part No.	Description	Remark
351	4-978-423-01	SCREW, STEP	
352	4-944-490-01	BELT (TIMING)	
353	A-4660-978-A	GEAR (PULLEY) ASSY	
354	4-978-421-01	GEAR (MID)	
355	4-978-425-01	ROLLER (CAM)	
356	4-978-420-01	CAM (HOLDER)	
* 357	1-452-538-11	MAGNET	
358	4-978-417-01	TABLE, DISC	
359	4-934-376-01	SHAFT (ROLLER)	
360	X-4924-457-1	ROLLER ASSY	
* 361	4-978-583-01	BRACKET (BU)	
* 362	4-978-418-01	CHASSIS	
* 363	4-980-385-01	HOLDER (SW)	
* 364	A-4673-765-A	CD MOTOR BOARD, COMPLETE	
365	4-978-426-01	INDICATOR (NO.)	
* 366	1-659-059-12	LED BOARD	
* 367	1-659-058-12	TABLE SENSOR BOARD	
368	4-933-134-01	SCREW (+PTPWH M2.6X6)	
369	4-958-593-01	SPRING (BU), COMPRESSION	
* 370	4-978-419-01	HOLDER (BU-5)	
371	4-917-583-71	BRACKET, YOKE	
M201	A-4660-977-A	MOTOR ASSY (TABLE)	

6-9. BASE UNIT SECTION (BU-5BD19)



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
⚠401	8-848-387-01	OPTICAL PICK-UP KSS-213BA/S-N	
402	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)	
403	4-917-567-01	GEAR (M)	
404	4-951-940-01	INSULATOR (BU)	
405	4-917-565-01	SHAFT, SLED	
406	4-917-564-01	GEAR (P), FLATNESS	
* 407	A-4673-402-A	BD BOARD, COMPLETE	
408	4-951-620-01	SCREW (2.6X8), +BVTP	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)	

BD

SECTION 7
ELECTRICAL PARTS LIST

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- CAPACITORS
  uF : μF
- COILS
  uH : μH
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA..., uPB...: μPB..., uPC...: μPC..., uPD...: μPD...
- Abbreviation
  CND : Canadian model
  G : German model
  IT : Italian model
  EE : East European model
  EA : Saudi Arabia model
  MX : Mexican model
  SP : Singapore model
  MY : Malaysia model
  AUS : Australian model
  AR : Argentine model
  TH : Thailand model
  IA : Indonesian model

Ref. No.	Part No.	Description			Remark
*	A-4673-402-A	BD BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C100	1-124-472-11	ELECT	470uF	20%	10V
C101	1-126-607-11	ELECT CHIP	47uF	20%	4V
C102	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C103	1-164-346-11	CERAMIC CHIP	1uF		16V
C105	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C106	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C107	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C108	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C109	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C110	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V
C111	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C112	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C113	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C114	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C115	1-126-607-11	ELECT CHIP	47uF	20%	4V
C116	1-163-016-00	CERAMIC CHIP	0.0039uF	10%	50V
C117	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C118	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C119	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C120	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C121	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C122	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C123	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C124	1-126-607-11	ELECT CHIP	47uF	20%	4V
C125	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C126	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C127	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V
C128	1-163-135-00	CERAMIC CHIP	560PF	5%	50V
C129	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C130	1-164-336-11	CERAMIC CHIP	0.33uF		25V
C131	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C132	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C133	1-163-145-00	CERAMIC CHIP	0.0015uF	5%	50V
C134	1-164-346-11	CERAMIC CHIP	1uF		16V
C135	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C136	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C137	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C139	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C140	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C141	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C142	1-163-038-91	CERAMIC CHIP	0.1uF		25V
C145	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C146	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
C147	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C148	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C149	1-164-346-11	CERAMIC CHIP	1uF		16V
C153	1-135-259-11	TANTAL. CHIP	10uF	20%	6.3V
C154	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
		< CONNECTOR >			
CNU101	1-770-014-11	CONNECTOR, FFC/FPC 16P			
CNU102	1-770-013-11	CONNECTOR, FFC/FPC 19P			
		< IC >			
IC101	8-752-069-56	IC CXA1782BQ			
IC102	8-759-291-06	IC BA6397FP			
IC103	8-752-372-94	IC CXD2507AQ			
IC104	8-759-185-29	IC PCM1710U-B			
		< MOTOR >			
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)			
M102	X-4917-504-1	MOTOR ASSY (SLED)			
		< TRANSISTOR >			
Q101	8-729-010-08	TRANSISTOR MSB710-R			
Q102	8-729-424-08	TRANSISTOR UN2111			
Q103	8-729-421-22	TRANSISTOR UN2211			
		< RESISTOR >			
R102	1-216-001-00	METAL CHIP	10	5%	1/10W
R103	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R104	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R105	1-216-093-00	METAL CHIP	68K	5%	1/10W
R106	1-216-093-00	METAL CHIP	68K	5%	1/10W
R107	1-216-093-00	METAL CHIP	68K	5%	1/10W
R108	1-216-093-00	METAL CHIP	68K	5%	1/10W
R109	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R112	1-216-083-00	METAL CHIP	27K	5%	1/10W

Ref.No.	Part No.	Description				Remark
R113	1-216-083-00	METAL CHIP	27K	5%	1/10W	
R114	1-216-101-00	METAL CHIP	150K	5%	1/10W	
R115	1-216-101-00	METAL CHIP	150K	5%	1/10W	
R116	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R117	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R118	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R119	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R120	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R121	1-216-114-00	METAL GLAZE	510K	5%	1/10W	
R122	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R123	1-216-099-00	METAL CHIP	120K	5%	1/10W	
R124	1-216-091-00	METAL CHIP	56K	5%	1/10W	
R125	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R126	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W	
R127	1-216-089-91	METAL GLAZE	47K	5%	1/10W	
R128	1-216-105-91	METAL GLAZE	220K	5%	1/10W	
R129	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R130	1-216-079-00	METAL CHIP	18K	5%	1/10W	
R131	1-216-079-00	METAL CHIP	18K	5%	1/10W	
R132	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R133	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R134	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R135	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R136	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R137	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R138	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R139	1-216-033-00	METAL CHIP	220	5%	1/10W	
R140	1-216-081-00	METAL CHIP	22K	5%	1/10W	
R141	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R142	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	
R143	1-216-121-91	METAL GLAZE	1M	5%	1/10W	
R144	1-216-073-00	METAL CHIP	10K	5%	1/10W	
R145	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R146	1-216-097-91	METAL GLAZE	100K	5%	1/10W	
R147	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R148	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R149	1-216-049-91	METAL GLAZE	1K	5%	1/10W	
R150	1-216-037-00	METAL CHIP	330	5%	1/10W	
R151	1-216-037-00	METAL CHIP	330	5%	1/10W	
R152	1-216-037-00	METAL CHIP	330	5%	1/10W	
R153	1-216-082-00	METAL GLAZE	24K	5%	1/10W	
R154	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	
R156	1-216-085-00	METAL CHIP	33K	5%	1/10W	
R157	1-216-069-00	METAL CHIP	6.8K	5%	1/10W	
R158	1-216-001-00	METAL CHIP	10	5%	1/10W	
		< VARIABLE RESISTOR >				
RV101	1-241-396-11	RES, ADJ, METAL GLAZE 22K				
RV102	1-241-396-11	RES, ADJ, METAL GLAZE 22K				
RV103	1-241-396-11	RES, ADJ, METAL GLAZE 22K				
		< SWITCH >				
S101	1-572-085-11	SWITCH, LEAF (LIMIT)				
		< VIBRATOR >				
X101	1-579-280-11	VIBRATOR, CRYSTAL (16.9344MHz)				
**********						
*	1-659-404-11	CD (L) BOARD				
		**********				
		< CONNECTOR >				
* CN515	1-568-944-11	PIN, CONNECTOR 6P				
		< DIODE >				
D638	8-719-057-09	DIODE LNJ801LPDJA (CLIP C)				
D639	8-719-057-09	DIODE LNJ801LPDJA (CLIP B)				
D640	8-719-057-09	DIODE LNJ801LPDJA (CLIP A)				
		< RESISTOR >				
R568	1-247-815-91	CARBON	220	5%	1/4W	
R569	1-249-411-11	CARBON	330	5%	1/4W	
R570	1-249-413-11	CARBON	470	5%	1/4W	F
R571	1-249-415-11	CARBON	680	5%	1/4W	F
R572	1-249-417-11	CARBON	1K	5%	1/4W	F
R573	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R574	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R575	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R576	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R577	1-249-431-11	CARBON	15K	5%	1/4W	
		< SWITCH >				
S569	1-554-303-21	SWITCH, TACTILE (CLIP C)				
S570	1-554-303-21	SWITCH, TACTILE (CLIP B)				
S571	1-554-303-21	SWITCH, TACTILE (CLIP A)				
S572	1-554-303-21	SWITCH, TACTILE (ERASE MUSIC CLIP)				
S573	1-554-303-21	SWITCH, TACTILE (PLAY MUSIC CLIP)				
S574	1-554-303-21	SWITCH, TACTILE (DISC 1 DISC SELECT)				
S575	1-554-303-21	SWITCH, TACTILE (DISC 2 DISC SELECT)				
S576	1-554-303-21	SWITCH, TACTILE (DISC 3 DISC SELECT)				
S577	1-554-303-21	SWITCH, TACTILE (DISC 4 DISC SELECT)				
S578	1-554-303-21	SWITCH, TACTILE (DISC 5 DISC SELECT)				
**********						

CD (R) CD JOG CD LED CD MOTOR

Ref. No.	Part No.	Description				Remark
*	1-659-409-11	CD (R) BOARD				
		**********				
		< CONNECTOR >				
CN514	1-568-936-11	PIN, CONNECTOR 9P				
		< DIODE >				
D603	8-719-058-03	DIODE SEL5423E-TP15 (▷)				
D604	8-719-058-03	DIODE SEL5423E-TP15 (▷)				
D636	8-719-058-17	DIODE LNJ401NPYJA (▮▮)				
D637	8-719-057-09	DIODE LNJ801LPDJA (AUTO PLAY)				
		< RESISTOR >				
R553	1-249-411-11	CARBON	330	5%	1/4W	
R554	1-249-413-11	CARBON	470	5%	1/4W	F
R555	1-249-415-11	CARBON	680	5%	1/4W	F
R556	1-249-417-11	CARBON	1K	5%	1/4W	F
R557	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R678	1-247-815-91	CARBON	220	5%	1/4W	
R680	1-247-815-91	CARBON	220	5%	1/4W	
		< SWITCH >				
S554	1-554-303-21	SWITCH, TACTILE (▷)				
S555	1-554-303-21	SWITCH, TACTILE (■)				
S556	1-554-303-21	SWITCH, TACTILE (▮▮)				
S557	1-554-303-21	SWITCH, TACTILE (DISC SKIP)				
S558	1-554-303-21	SWITCH, TACTILE (AUTO PLAY)				
**********						
*	1-659-405-11	CD JOG BOARD				
		**********				
		< CAPACITOR >				
C515	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C516	1-162-306-11	CERAMIC	0.01uF	30%	16V	
		< CONNECTOR >				
* CN518	1-568-942-11	PIN, CONNECTOR 4P				
		< RESISTOR >				
R558	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R559	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R560	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R561	1-249-431-11	CARBON	15K	5%	1/4W	
		< SWITCH >				
S502	1-473-534-11	ENCODER, ROTARY (⏮ AMS ⏭)				
S559	1-554-303-21	SWITCH, TACTILE (PROGRAM)				
S560	1-554-303-21	SWITCH, TACTILE (REPEAT)				
S561	1-554-303-21	SWITCH, TACTILE (SHUFFLE)				
S562	1-554-303-21	SWITCH, TACTILE (CONTINUE)				
**********						
*	1-659-406-11	CD LED BOARD				
		**********				
		< CONNECTOR >				
CN516	1-506-481-11	PIN, CONNECTOR 2P				
		< DIODE >				
D3151	8-719-057-40	DIODE HLMF-K305-2UL (5CD)				
D3152	8-719-058-19	DIODE HLMF-K405-2UL (5CD)				
D3153	8-719-058-19	DIODE HLMF-K405-2UL (5CD)				
D3154	8-719-057-40	DIODE HLMF-K305-2UL (5CD)				
		< RESISTOR >				
R3151	1-249-412-11	CARBON	390	5%	1/4W	F
**********						
*	A-4673-765-A	CD MOTOR BOARD, COMPLETE				
		**********				
*	4-980-385-01	HOLDER (SW)				
		< CAPACITOR >				
C201	1-124-907-11	ELECT	10uF	20%	50V	
C202	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C203	1-124-907-11	ELECT	10uF	20%	50V	
		< CONNECTOR >				
* CN201	1-568-947-11	PIN, CONNECTOR 9P				
		< IC >				
IC201	8-759-365-94	IC TA8409S				
		< COIL >				
L201	1-408-117-00	INDUCTOR 10uH				
		< MOTOR >				
M201	A-4660-977-A	MOTOR ASSY (TABLE)				
		< RESISTOR >				
R205	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R206	1-249-425-11	CARBON	4.7K	5%	1/4W	F

Ref.No.	Part No.	Description			Remark
		< SWITCH >			
S201	1-762-587-11	SWITCH, PUSH (1 KEY)(UP)			
**********					
*	1-659-408-11	DOOR SW BOARD			
		**********			
		< SWITCH >			
S591	1-572-126-11	SWITCH, PUSH (1 KEY)(▲ OPEN)			
**********					
*	1-659-411-11	HP BOARD			
		********			
		< CAPACITOR >			
C621	1-164-159-21	CERAMIC	0.1uF		50V
C622	1-164-159-21	CERAMIC	0.1uF		50V
C623	1-164-159-21	CERAMIC	0.1uF		50V
		< JACK >			
J601	1-569-113-11	JACK, LARGE TYPE			
**********					
*	A-4389-020-A	KEY CON BOARD, COMPLETE (N355K)			
		**********			
		< CAPACITOR >			
C1403	1-126-964-11	ELECT	10uF	20%	50V
C1404	1-126-964-11	ELECT	10uF	20%	50V
C1405	1-126-964-11	ELECT	10uF	20%	50V
C1406	1-126-964-11	ELECT	10uF	20%	50V
C1431	1-130-493-00	MYLAR	0.068uF	5%	50V
C1432	1-130-493-00	MYLAR	0.068uF	5%	50V
C1433	1-130-493-00	MYLAR	0.068uF	5%	50V
C1434	1-162-284-31	CERAMIC	150PF	10%	50V
C1436	1-126-967-11	ELECT	47uF	20%	10V
C1437	1-164-159-21	CERAMIC	0.1uF		50V
C1438	1-126-933-11	ELECT	100uF	20%	10V
C1439	1-126-964-11	ELECT	10uF	20%	50V
C1445	1-136-165-00	FILM	0.1uF	5%	50V
C1446	1-136-165-00	FILM	0.1uF	5%	50V
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1461	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1462	1-162-306-11	CERAMIC	0.01uF	20%	16V
C1466	1-162-600-11	CERAMIC	0.0047uF	20%	16V
C1467	1-162-291-31	CERAMIC	560PF	10%	50V
C1468	1-162-290-31	CERAMIC	470PF	10%	50V
C1469	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1470	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1471	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1472	1-162-294-31	CERAMIC	0.001uF	10%	50V
		< CONNECTOR >			
CN1401	1-566-999-11	PIN, CONNECTOR 13P			
		< IC >			
IC1401	8-759-370-85	IC	M65847FP-TP		
IC1403	8-759-140-53	IC	uPD4053BC		
		< COIL >			
L1401	1-410-521-11	INDUCTOR	100uH		
		< TRANSISTOR >			
Q1401	8-729-900-80	TRANSISTOR	DTC114ES		
Q1403	8-729-119-78	TRANSISTOR	2SC403SP-51		
		< RESISTOR >			
R1413	1-247-863-91	CARBON	22K	5%	1/4W
R1414	1-247-863-91	CARBON	22K	5%	1/4W
R1415	1-249-441-11	CARBON	100K	5%	1/4W
R1416	1-249-441-11	CARBON	100K	5%	1/4W
R1417	1-249-429-11	CARBON	10K	5%	1/4W
R1418	1-249-425-11	CARBON	4.7K	5%	1/4W F
R1419	1-249-425-11	CARBON	4.7K	5%	1/4W F
R1421	1-249-417-11	CARBON	1K	5%	1/4W F
R1422	1-249-429-11	CARBON	10K	5%	1/4W
R1435	1-247-807-31	CARBON	100	5%	1/4W
R1436	1-249-429-11	CARBON	10K	5%	1/4W
R1437	1-249-425-11	CARBON	4.7K	5%	1/4W F
R1438	1-247-807-31	CARBON	100	5%	1/4W
R1448	1-249-429-11	CARBON	10K	5%	1/4W
R1450	1-249-441-11	CARBON	100K	5%	1/4W
R1451	1-249-429-11	CARBON	10K	5%	1/4W
R1452	1-249-425-11	CARBON	4.7K	5%	1/4W F
R1453	1-249-429-11	CARBON	10K	5%	1/4W
R1457	1-249-424-11	CARBON	3.9K	5%	1/4W F
R1458	1-249-431-11	CARBON	15K	5%	1/4W
R1459	1-249-429-11	CARBON	10K	5%	1/4W
R1460	1-247-863-91	CARBON	22K	5%	1/4W
R1461	1-249-434-11	CARBON	27K	5%	1/4W
R1469	1-249-426-11	CARBON	5.6K	5%	1/4W
**********					

LEAF SWITCH | LED | MAIN

Ref. No.	Part No.	Description	Remark
*	1-650-669-11	LEAF SWITCH BOARD	
		**********	
		< CONNECTOR >	
* CN1001	1-568-854-11	SOCKET, CONNECTOR 11P	
		< TRANSISTOR >	
Q1001	8-749-010-90	TRANSISTOR PHOTO REFLECTOR NJL5165KA-H2	
Q1002	8-749-010-90	TRANSISTOR PHOTO REFLECTOR NJL5165KA-H2	
		< RESISTOR >	
R1001	1-249-412-11	CARBON 390 5% 1/4W F	
R1002	1-249-412-11	CARBON 390 5% 1/4W F	
R1003	1-249-414-11	CARBON 560 5% 1/4W F	
R1004	1-247-834-11	CARBON 1.3K 5% 1/4W	
R1005	1-247-818-11	CARBON 300 5% 1/4W	
		< SWITCH >	
S1001	1-692-832-11	SWITCH, PUSH (1 KEY)(A PLAY)	
S1002	1-692-832-11	SWITCH, PUSH (1 KEY)(B PLAY)	
S1003	1-572-248-11	SWITCH, LEAF (A HALF)	
S1004	1-571-281-21	SWITCH, LEAF (A CrO2)	
S1005	1-571-281-21	SWITCH, LEAF (REC A)	
S1006	1-572-248-11	SWITCH, LEAF (B HALF)	
S1008	1-571-281-21	SWITCH, LEAF (B CrO2)	
S1009	1-571-281-21	SWITCH, LEAF (REC B)	
**********			
*	1-659-059-12	LED BOARD	
		*********	
		< DIODE >	
D201	8-719-032-98	DIODE SEL5820A (DISC No.)	
		< TRANSISTOR >	
Q201	8-729-119-78	TRANSISTOR 2SC2785-HFE	
		< RESISTOR >	
R201	1-247-863-91	CARBON 22K 5% 1/4W	
R202	1-249-411-11	CARBON 330 5% 1/4W	
R203	1-249-437-11	CARBON 47K 5% 1/4W	
**********			

Ref. No.	Part No.	Description	Remark
*	A-4378-981-A	MAIN BOARD, COMPLETE	
		**********	
			(N355:AEP, UK, G, IT, EE)
*	A-4378-993-A	MAIN BOARD, COMPLETE	
		**********	
			(N355:E, MX, AR, AUS, PX)
*	A-4389-002-A	MAIN BOARD, COMPLETE (N355K:E, SP, IA)	
		**********	
*	A-4389-666-A	MAIN BOARD, COMPLETE (D570)	
		**********	
*	A-4390-150-A	MAIN BOARD, COMPLETE (N355K:MY)	
		**********	
*	A-4390-158-A	MAIN BOARD, COMPLETE (N355K:EA)	
		**********	
*	A-4390-207-A	MAIN BOARD, COMPLETE (N355K:TH)	
		**********	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
		< CAPACITOR >	
C201	1-126-961-11	ELECT 2.2uF 20% 50V	
C202	1-162-600-11	CERAMIC 0.0047uF 30% 16V	
C203	1-124-472-11	ELECT 470uF 20% 10V	
C204	1-162-282-31	CERAMIC 100PF 10% 50V	
C205	1-162-282-31	CERAMIC 100PF 10% 50V	
C209	1-126-941-11	ELECT 470uF 20% 6.3V	
C213	1-164-159-21	CERAMIC 0.1uF 50V	
			(D570:US)
C251	1-126-961-11	ELECT 2.2uF 20% 50V	
C252	1-162-600-11	CERAMIC 0.0047uF 30% 16V	
C301	1-130-479-00	MYLAR 0.0047uF 5% 50V	
C302	1-162-290-31	CERAMIC 470PF 10% 50V	
C303	1-136-165-00	FILM 0.1uF 5% 50V	
			(D570/N355:AEP, UK, G, IT, EE)
C305	1-124-903-11	ELECT 1uF 20% 50V	
C306	1-124-902-00	ELECT 0.47uF 20% 50V	
C307	1-126-964-11	ELECT 10uF 20% 50V	
C308	1-126-964-11	ELECT 10uF 20% 50V	
C309	1-124-903-11	ELECT 1uF 20% 50V	
C310	1-126-933-11	ELECT 100uF 20% 10V	
C351	1-130-479-00	MYLAR 0.0047uF 5% 50V	
C352	1-162-290-31	CERAMIC 470PF 10% 50V	
C353	1-136-165-00	FILM 0.1uF 5% 50V	
			(D570/N355:AEP, UK, G, IT, EE)
C355	1-124-903-11	ELECT 1uF 20% 50V	
C356	1-124-902-00	ELECT 0.47uF 20% 50V	
C357	1-126-964-11	ELECT 10uF 20% 50V	
C358	1-126-964-11	ELECT 10uF 20% 50V	

Ref. No.	Part No.	Description				Remark
C359	1-124-903-11	ELECT	1uF	20%	50V	
C360	1-126-933-11	ELECT	100uF	20%	10V	
C401	1-164-159-21	CERAMIC	0.1uF		50V	
C402	1-164-159-21	CERAMIC	0.1uF		50V	
C403	1-164-159-21	CERAMIC	0.1uF		50V	
C404	1-126-933-11	ELECT	100uF	20%	16V	
C405	1-126-925-11	ELECT	470uF	20%	16V	
C701	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C702	1-126-926-11	ELECT	1000uF	20%	10V	
C703	1-126-964-11	ELECT	10uF	20%	50V	
C704	1-136-165-00	FILM	0.1uF	5%	50V	
C705	1-136-165-00	FILM	0.1uF	5%	50V	
C706	1-126-965-11	ELECT	22uF	20%	50V	
C707	1-162-205-31	CERAMIC	18PF	5%	50V	
C708	1-162-205-31	CERAMIC	18PF	5%	50V	
C709	1-164-159-21	CERAMIC	0.1uF		50V	
			(N355:E, MX, AR, AUS, PX/N355K)			
C710	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C789	1-126-923-11	ELECT	220uF	20%	10V	
C801	1-162-288-31	CERAMIC	330PF	10%	50V	
			(N355:AEP, UK, G, IT, EE)			
C802	1-164-159-21	CERAMIC	0.1uF		50V	
C803	1-162-282-31	CERAMIC	100PF	10%	50V	
C804	1-162-282-31	CERAMIC	100PF	10%	50V	
C805	1-126-962-11	ELECT	3.3uF	20%	50V	
C806	1-162-600-11	CERAMIC	0.0047uF	30%	16V	
C807	1-162-301-11	CERAMIC	0.0015uF	30%	16V	
C808	1-124-463-00	ELECT	0.1uF	20%	50V	
C809	1-126-967-11	ELECT	47uF	20%	10V	
			(N355:AEP, UK, G, IT, EE)			
C810	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C811	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C821	1-162-286-21	CERAMIC	220PF	10%	50V	
C825	1-109-889-11	ELECT	1uF	20%	50V	
C851	1-162-288-31	CERAMIC	330PF	10%	50V	
			(N355:AEP, UK, G, IT, EE)			
C853	1-162-282-31	CERAMIC	100PF	10%	50V	
C854	1-162-282-31	CERAMIC	100PF	10%	50V	
C855	1-126-962-11	ELECT	3.3uF	20%	50V	
C856	1-162-600-11	CERAMIC	0.0047uF	30%	16V	
C857	1-162-301-11	CERAMIC	0.0015uF	30%	16V	
C858	1-124-463-00	ELECT	0.1uF	20%	50V	
C859	1-126-967-11	ELECT	47uF	20%	10V	
			(N355:AEP, UK, G, IT, EE)			
C871	1-162-286-21	CERAMIC	220PF	10%	50V	
C901	1-136-169-00	FILM	0.22uF	5%	50V	
C902	1-136-169-00	FILM	0.22uF	5%	50V	
C903	1-136-495-11	FILM	0.068uF	5%	50V	
C904	1-136-495-11	FILM	0.068uF	5%	50V	
C905	1-136-156-00	FILM	0.018uF	5%	50V	
C906	1-136-156-00	FILM	0.018uF	5%	50V	
C907	1-130-480-00	MYLAR	0.0056uF	5%	50V	
C908	1-130-479-00	MYLAR	0.0047uF	5%	50V	
C909	1-130-474-00	MYLAR	0.0018uF	5%	50V	
C910	1-126-964-11	ELECT	10uF	20%	50V	
C911	1-126-964-11	ELECT	10uF	20%	50V	
C912	1-136-169-00	FILM	0.22uF	5%	50V	
C913	1-136-169-00	FILM	0.22uF	5%	50V	
C914	1-126-964-11	ELECT	10uF	20%	50V	
C915	1-136-153-00	FILM	0.01uF	5%	50V	
C930	1-136-165-00	FILM	0.1uF	5%	50V	
C931	1-136-153-00	FILM	0.01uF	5%	50V	
C933	1-124-902-00	ELECT	0.47uF	20%	50V	
C935	1-164-159-21	CERAMIC	0.1uF		50V	
C936	1-126-964-11	ELECT	10uF	20%	50V	
C938	1-162-290-31	CERAMIC	470PF	10%	50V	
C939	1-126-967-11	ELECT	47uF	20%	10V	
C940	1-126-967-11	ELECT	47uF	20%	10V	
C951	1-136-169-00	FILM	0.22uF	5%	50V	
C952	1-136-169-00	FILM	0.22uF	5%	50V	
C953	1-136-495-11	FILM	0.068uF	5%	50V	
C954	1-136-495-11	FILM	0.068uF	5%	50V	
C955	1-136-156-00	FILM	0.018uF	5%	50V	
C956	1-136-156-00	FILM	0.018uF	5%	50V	
C957	1-130-480-00	MYLAR	0.0056uF	5%	50V	
C958	1-130-479-00	MYLAR	0.0047uF	5%	50V	
C959	1-130-474-00	MYLAR	0.0018uF	5%	50V	
C960	1-126-964-11	ELECT	10uF	20%	50V	
C961	1-126-964-11	ELECT	10uF	20%	50V	
C962	1-136-169-00	FILM	0.22uF	5%	50V	
C963	1-136-169-00	FILM	0.22uF	5%	50V	
C964	1-126-964-11	ELECT	10uF	20%	50V	
C965	1-136-153-00	FILM	0.01uF	5%	50V	
C1001	1-126-937-11	ELECT	4700uF	20%	16V	
C1002	1-126-768-11	ELECT	2200uF	20%	16V	
C1003	1-126-964-11	ELECT	10uF	20%	50V	
C1005	1-126-964-11	ELECT	10uF	20%	50V	
C1006	1-126-933-11	ELECT	100uF	20%	10V	
C1007	1-126-934-11	ELECT	220uF	20%	16V	
C1008	1-126-933-11	ELECT	100uF	20%	16V	
C1010	1-164-159-21	CERAMIC	0.1uF		50V	
C1011	1-164-159-21	CERAMIC	0.1uF		50V	
C1012	1-126-964-11	ELECT	10uF	20%	50V	
C1013	1-126-916-11	ELECT	1000uF	20%	6.3V	
C1014	1-126-964-11	ELECT	10uF	20%	50V	
C1015	1-126-964-11	ELECT	10uF	20%	50V	
C1016	1-126-925-11	ELECT	470uF	20%	10V	
C1017	1-126-925-11	ELECT	470uF	20%	10V	
C1018	1-126-942-61	ELECT	1000uF	20%	25V	
C1019	1-126-934-11	ELECT	220uF	20%	16V	
C1020	1-126-947-11	ELECT	47uF	20%	35V	

MAIN

Ref. No.	Part No.	Description				Remark
C1021	1-126-964-11	ELECT	10uF	20%	50V	
C1022	1-126-968-11	ELECT	100uF	20%	50V	
C1023	1-126-968-11	ELECT	100uF	20%	50V	
C1025	1-126-925-11	ELECT	470uF	20%	10V	
C1026	1-126-925-11	ELECT	470uF	20%	10V	
C1221	1-126-933-11	ELECT	100uF	20%	10V	
C1222	1-126-933-11	ELECT	100uF	20%	10V	
C1223	1-126-923-11	ELECT	220uF	20%	10V	
C1224	1-124-925-11	ELECT	2.2uF	20%	100V	
C1227	1-164-159-21	CERAMIC	0.1uF		50V	
C1228	1-164-159-21	CERAMIC	0.1uF		50V	
C1230	1-126-974-11	ELECT	3300uF	20%	50V	(N355/N355K)
C1230	1-128-493-11	ELECT	4700uF	20%	71V	(D570)
C1235	1-126-974-11	ELECT	3300uF	20%	50V	(N355/N355K)
C1235	1-128-493-11	ELECT	4700uF	20%	71V	(D570)
C1248	1-136-495-11	FILM	0.068uF	5%	50V	(N355:AEP, UK, G, IT, EE)
C1249	1-136-495-11	FILM	0.068uF	5%	50V	(N355:AEP, UK, G, IT, EE)
C1250	1-162-294-31	CERAMIC	0.001uF	10%	50V	(N355:AEP, UK, G, IT, EE)
C1270	1-130-781-00	FILM	0.22uF	10%	100V	
C1271	1-130-781-00	FILM	0.22uF	10%	100V	
C1280	1-162-282-31	CERAMIC	100PF	10%	50V	(N355:AEP, UK, G, IT, EE)
C1298	1-136-495-11	FILM	0.068uF	5%	50V	(N355:AEP, UK, G, IT, EE)
C1299	1-136-495-11	FILM	0.068uF	5%	50V	(N355:AEP, UK, G, IT, EE)
C1300	1-162-294-31	CERAMIC	0.001uF	10%	50V	(N355:AEP, UK, G, IT, EE)
C1311	1-162-306-11	CERAMIC	0.01uF	20%	16V	(D570)
C1312	1-126-163-11	ELECT	4.7uF	20%	50V	(D570)
R945	1-164-159-21	CERAMIC	0.1uF		50V	

< CONNECTOR >

CN201	1-770-067-11	CONNECTOR, FFC/FPC 19P		
* CN203	1-568-936-11	PIN, CONNECTOR 9P		
CN401	1-568-838-11	SOCKET, CONNECTOR 21P		
* CN402	1-568-830-11	SOCKET, CONNECTOR 11P		
* CN403	1-568-449-11	HOUSING, CONNECTOR(PC BOARD) 3P		
CN702	1-568-802-11	SOCKET, CONNECTOR 19P		(D570/N355:AEP, UK, G, IT, EE)
CN702	1-568-838-11	SOCKET, CONNECTOR 21P		(N355:E, MX, AR, AUS, PX)
* CN702	1-568-841-11	SOCKET, CONNECTOR 25P (N355K)		
* CN703	1-568-832-11	SOCKET, CONNECTOR 13P		(D570/N355:E, MX, AR, AUS, PX/N355K)
* CN703	1-568-834-11	SOCKET, CONNECTOR 15P		(N355:AEP, UK, G, IT, EE)
CN801	1-573-845-11	CONNECTOR, BOARD TO BOARD 13P (N355K)		
* CN1001	1-564-513-11	PLUG, CONNECTOR 10P		
CN1311	1-564-505-11	PLUG, CONNECTOR 2P (D570)		

< DIODE >

D201	8-719-987-63	DIODE	1N4148M
D202	8-719-987-63	DIODE	1N4148M
D401	8-719-933-54	DIODE	HZS9A2L
D701	8-719-987-63	DIODE	1N4148M
D702	8-719-987-63	DIODE	1N4148M
D703	8-719-987-63	DIODE	1N4148M
D704	8-719-987-63	DIODE	1N4148M
D705	8-719-987-63	DIODE	1N4148M
D706	8-719-200-82	DIODE	11ES2
D707	8-719-987-63	DIODE	1N4148M
D708	8-719-987-63	DIODE	1N4148M
D721	8-719-987-63	DIODE	1N4148M
D722	8-719-987-63	DIODE	1N4148M
D1001	8-719-200-82	DIODE	11ES2
D1002	8-719-200-82	DIODE	11ES2
D1003	8-719-200-82	DIODE	11ES2
D1004	8-719-200-82	DIODE	11ES2
D1005	8-719-200-82	DIODE	11ES2
D1006	8-719-200-82	DIODE	11ES2
D1007	8-719-987-63	DIODE	1N4148M
D1008	8-719-001-43	DIODE	UZL-11M1-TA
D1009	8-719-987-63	DIODE	1N4148M
D1010	8-719-987-63	DIODE	1N4148M
D1011	8-719-010-43	DIODE	UZ-5.6BSC
D1013	8-719-200-82	DIODE	11ES2
D1014	8-719-200-82	DIODE	11ES2
D1016	8-719-200-82	DIODE	11ES2
D1017	8-719-200-82	DIODE	11ES2
D1018	8-719-200-82	DIODE	11ES2
D1019	8-719-987-63	DIODE	1N4148M
D1021	8-719-200-82	DIODE	11ES2
D1022	8-719-200-82	DIODE	11ES2
D1023	8-719-011-13	DIODE	UZ-30BSC
D1059	8-719-987-63	DIODE	1N4148M
D1069	8-719-987-63	DIODE	1N4148M
D1204	8-719-815-85	DIODE	1S1585 (D570)
D1204	8-719-987-63	DIODE	1N4148M (N355/N355K)
D1205	8-719-815-85	DIODE	1S1585 (D570)
D1205	8-719-987-63	DIODE	1N4148M (N355/N355K)
D1230	8-719-987-63	DIODE	1N4148M
D1250	8-719-510-68	DIODE	D5SBA20F01
D1309	8-719-815-85	DIODE	1S1585 (D570)
D1309	8-719-987-63	DIODE	1N4148M (N355/N355K)
D1310	8-719-815-85	DIODE	1S1585 (D570)
D1310	8-719-987-63	DIODE	1N4148M (N355/N355K)

Ref. No.	Part No.	Description	Remark
D1321	8-719-815-85	DIODE 1S1585 (D570)	
D1371	8-719-815-85	DIODE 1S1585 (D570)	
		< IC >	
IC401	8-759-289-38	IC HA12195NT(D570/N355:AEP, UK, G, IT, EE)	
IC401	8-759-289-39	IC HA12196NT (N355:E, MX, AR, AUS, PX/N355K)	
IC402	8-759-822-09	IC LB1641	
IC701	8-759-392-42	IC TMP87CS64YF-6397	
IC702	8-759-165-80	IC PST600C-T	
IC801	8-759-634-51	IC M5218AP	
IC802	8-759-000-48	IC MC14052BCP	
IC901	8-759-331-39	IC M62427FP	
IC902	8-759-634-51	IC M5218AP	
IC1001	8-759-231-53	IC TA7805S	
IC1002	8-759-604-86	IC M5F7807L	
IC1003	8-759-604-86	IC M5F7807L	
IC1004	8-759-604-90	IC M5F7907L	
IC1202	8-759-111-68	IC uPC1237HA	
		< JACK >	
J801	1-695-188-31	JACK, PIN 4P (PHONO IN, VIDEO(AUDIO) IN)	
		< COIL >	
L214	1-412-473-21	INDUCTOR (D570:US)	
L1201	1-420-872-00	COIL, AIR-CORE	
L1251	1-420-872-00	COIL, AIR-CORE	
		< TRANSISTOR >	
Q301	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q351	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q401	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q402	8-729-900-65	TRANSISTOR DTA144ES	
Q403	8-729-801-93	TRANSISTOR 2SD1387	
Q406	8-729-900-80	TRANSISTOR DTC114ES	
Q407	8-729-422-57	TRANSISTOR UN4111	
Q408	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q409	8-729-900-80	TRANSISTOR DTC114ES	
Q410	8-729-900-65	TRANSISTOR DTA144ES	
Q411	8-729-900-65	TRANSISTOR DTA144ES	
Q412	8-729-900-65	TRANSISTOR DTA144ES	
Q701	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q820	8-729-422-57	TRANSISTOR UN4111	
Q823	8-729-422-57	TRANSISTOR UN4111	
Q901	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q902	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q951	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q952	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q953	8-729-141-26	TRANSISTOR 2SC3622A-LK	
Q954	8-729-141-26	TRANSISTOR 2SC3622A-LK	

Ref. No.	Part No.	Description	Remark
Q1001	8-729-118-01	TRANSISTOR 2SB1116-K	
Q1002	8-729-900-36	TRANSISTOR DTC124ES	
Q1003	8-729-030-18	TRANSISTOR 2SD2525	
Q1003	8-729-209-15	TRANSISTOR 2SD2012	
Q1006	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q1204	8-729-900-63	TRANSISTOR DTA124ES	
Q1205	8-729-900-36	TRANSISTOR DTC124ES	
Q1206	8-729-900-80	TRANSISTOR DTC114ES	
Q1207	8-729-119-76	TRANSISTOR 2SA1175-HFE (N355/N355K)	
Q1207	8-729-140-82	TRANSISTOR 2SA988-PAFAEA (D570)	
Q1208	8-729-119-76	TRANSISTOR 2SA1175-HFE (N355/N355K)	
Q1208	8-729-140-82	TRANSISTOR 2SA988-PAFAEA (D570)	
Q1311	8-729-119-76	TRANSISTOR 2SA1175-HFE (D570)	
Q1312	8-729-116-84	TRANSISTOR 2SD1616-U (D570)	
		< RESISTOR >	
R201	1-249-415-11	CARBON 680 5% 1/4W F	
R202	1-249-435-11	CARBON 33K 5% 1/4W	
R203	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R206	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R207	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R208	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R251	1-249-415-11	CARBON 680 5% 1/4W F	
R252	1-249-435-11	CARBON 33K 5% 1/4W	
R301	1-249-430-11	CARBON 12K 5% 1/4W	
R302	1-249-431-11	CARBON 15K 5% 1/4W	
R303	1-249-432-11	CARBON 18K 5% 1/4W (D570/N355:AEP, UK, G, IT, EE)	
R304	1-249-428-11	CARBON 8.2K 5% 1/4W F	
R305	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R306	1-247-840-00	CARBON 2.4K 5% 1/4W	
R307	1-247-863-91	CARBON 22K 5% 1/4W	
R308	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R309	1-249-428-11	CARBON 8.2K 5% 1/4W F	
R310	1-249-417-11	CARBON 1K 5% 1/4W F	
R351	1-249-430-11	CARBON 12K 5% 1/4W	
R352	1-249-431-11	CARBON 15K 5% 1/4W	
R354	1-249-428-11	CARBON 8.2K 5% 1/4W F	
R355	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R356	1-247-840-00	CARBON 2.4K 5% 1/4W	
R357	1-247-863-91	CARBON 22K 5% 1/4W	
R358	1-249-421-11	CARBON 2.2K 5% 1/4W F	
R359	1-249-428-11	CARBON 8.2K 5% 1/4W F	
R360	1-249-417-11	CARBON 1K 5% 1/4W F	
R401	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R402	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R403	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R404	1-249-417-11	CARBON 1K 5% 1/4W F	
R405	1-249-437-11	CARBON 47K 5% 1/4W	
R406	1-249-437-11	CARBON 47K 5% 1/4W	
R407	1-249-437-11	CARBON 47K 5% 1/4W	

MAIN

Ref.No.	Part No.	Description				Remark
R408	1-249-437-11	CARBON	47K	5%	1/4W	
R409	1-249-429-11	CARBON	10K	5%	1/4W	
R410	1-247-882-11	CARBON	130K	5%	1/4W	
R411	1-247-866-11	CARBON	30K	5%	1/4W	
R412	1-249-429-11	CARBON	10K	5%	1/4W	
			(D570/N355:AEP, UK, G, IT, EE)			
R413	1-247-864-11	CARBON	24K	5%	1/4W	
R414	1-249-429-11	CARBON	10K	5%	1/4W	
R415	1-249-429-11	CARBON	10K	5%	1/4W	
R416	1-249-429-11	CARBON	10K	5%	1/4W	
R417	1-249-429-11	CARBON	10K	5%	1/4W	
R418	1-249-429-11	CARBON	10K	5%	1/4W	
R419	1-249-429-11	CARBON	10K	5%	1/4W	
R420	1-249-429-11	CARBON	10K	5%	1/4W	
			(D570/N355:AEP, UK, G, IT, EE)			
R421	1-249-429-11	CARBON	10K	5%	1/4W	
			(D570/N355:AEP, UK, G, IT, EE)			
R454	1-247-863-91	CARBON	22K	5%	1/4W	
R455	1-247-863-91	CARBON	22K	5%	1/4W	
R456	1-249-411-11	CARBON	330	5%	1/4W	
R457	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R458	1-249-429-11	CARBON	10K	5%	1/4W	
R461	1-249-417-11	CARBON	1K	5%	1/4W	F
R701	1-249-429-11	CARBON	10K	5%	1/4W	
R702	1-249-437-11	CARBON	47K	5%	1/4W	
R703	1-249-437-11	CARBON	47K	5%	1/4W	
R704	1-249-429-11	CARBON	10K	5%	1/4W	
R705	1-249-429-11	CARBON	10K	5%	1/4W	
R708	1-249-429-11	CARBON	10K	5%	1/4W	
R709	1-249-429-11	CARBON	10K	5%	1/4W	
R710	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-429-11	CARBON	10K	5%	1/4W	
R712	1-249-429-11	CARBON	10K	5%	1/4W	
R713	1-249-429-11	CARBON	10K	5%	1/4W	
R714	1-249-429-11	CARBON	10K	5%	1/4W	
R715	1-249-429-11	CARBON	10K	5%	1/4W	
R716	1-247-807-31	CARBON	100	5%	1/4W	
R717	1-247-807-31	CARBON	100	5%	1/4W	
R718	1-247-807-31	CARBON	100	5%	1/4W	
R719	1-247-807-31	CARBON	100	5%	1/4W	
R720	1-247-807-31	CARBON	100	5%	1/4W	
R721	1-247-807-31	CARBON	100	5%	1/4W	
R724	1-247-807-31	CARBON	100	5%	1/4W	
R725	1-247-807-31	CARBON	100	5%	1/4W	
R726	1-247-807-31	CARBON	100	5%	1/4W	
R727	1-247-807-31	CARBON	100	5%	1/4W	
R728	1-247-807-31	CARBON	100	5%	1/4W	
R729	1-247-807-31	CARBON	100	5%	1/4W	
R730	1-247-807-31	CARBON	100	5%	1/4W	
R731	1-247-807-31	CARBON	100	5%	1/4W	

Ref.No.	Part No.	Description				Remark
R732	1-247-807-31	CARBON	100	5%	1/4W	
R733	1-247-807-31	CARBON	100	5%	1/4W	
R734	1-247-807-31	CARBON	100	5%	1/4W	
R735	1-247-807-31	CARBON	100	5%	1/4W	
R736	1-247-807-31	CARBON	100	5%	1/4W	
R737	1-247-807-31	CARBON	100	5%	1/4W	
R740	1-249-423-11	CARBON	3.3K	5%	1/4W	F
			(N355:E, MX, AR, AUS, PX/N355K:E, MY, SP, TH, IA)			
R740	1-249-427-11	CARBON	6.8K	5%	1/4W	F
			(N355:G, IT/N355K:EA)			
R740	1-249-429-11	CARBON	10K	5%	1/4W	
			(N355:AEP, UK)			
R740	1-249-435-11	CARBON	33K	5%	1/4W	(N355:EE)
R741	1-249-423-11	CARBON	3.3K	5%	1/4W	F
			(N355:AEP, UK, G, IT)			
R741	1-249-429-11	CARBON	10K	5%	1/4W	
			(N355:MX, AR, AUS, PX, EE/N355K:E, MY, SP, TH, IA)			
R741	1-249-435-11	CARBON	33K	5%	1/4W	(N355K:EA)
R743	1-247-807-31	CARBON	100	5%	1/4W	
R744	1-247-807-31	CARBON	100	5%	1/4W	
R745	1-247-807-31	CARBON	100	5%	1/4W	
R746	1-249-429-11	CARBON	10K	5%	1/4W	
R747	1-249-429-11	CARBON	10K	5%	1/4W	
R748	1-249-429-11	CARBON	10K	5%	1/4W	
R749	1-249-429-11	CARBON	10K	5%	1/4W	
R750	1-247-807-31	CARBON	100	5%	1/4W	
R751	1-247-807-31	CARBON	100	5%	1/4W	
R752	1-247-807-31	CARBON	100	5%	1/4W	
R753	1-247-807-31	CARBON	100	5%	1/4W	
R754	1-247-807-31	CARBON	100	5%	1/4W	
R755	1-247-807-31	CARBON	100	5%	1/4W	
R756	1-249-429-11	CARBON	10K	5%	1/4W	
R757	1-247-807-31	CARBON	100	5%	1/4W	
R758	1-247-807-31	CARBON	100	5%	1/4W	
R759	1-247-807-31	CARBON	100	5%	1/4W	
R760	1-247-807-31	CARBON	100	5%	1/4W	
R761	1-247-807-31	CARBON	100	5%	1/4W	
R762	1-249-429-11	CARBON	10K	5%	1/4W	
R763	1-249-429-11	CARBON	10K	5%	1/4W	
R764	1-249-429-11	CARBON	10K	5%	1/4W	
R801	1-249-417-11	CARBON	1K	5%	1/4W	F
			(N355:AEP, UK, G, IT, EE)			
R802	1-249-417-11	CARBON	1K	5%	1/4W	F
R803	1-249-437-11	CARBON	47K	5%	1/4W	
R804	1-249-417-11	CARBON	1K	5%	1/4W	F
R805	1-247-897-11	CARBON	560K	5%	1/4W	
R806	1-249-437-11	CARBON	47K	5%	1/4W	
R807	1-249-417-11	CARBON	1K	5%	1/4W	F
R808	1-249-441-11	CARBON	100K	5%	1/4W	
R809	1-247-815-91	CARBON	220	5%	1/4W	
			(N355:AEP, UK, G, IT, EE)			

Ref. No.	Part No.	Description				Remark
R821	1-249-417-11	CARBON	1K	5%	1/4W	F
R822	1-249-441-11	CARBON	100K	5%	1/4W	
R825	1-247-887-00	CARBON	220K	5%	1/4W	
R826	1-249-441-11	CARBON	100K	5%	1/4W	
R829	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R830	1-249-429-11	CARBON	10K	5%	1/4W	
R851	1-249-417-11	CARBON	1K	5%	1/4W	F
						(N355:AEP, UK, G, IT, EE)
R852	1-249-417-11	CARBON	1K	5%	1/4W	F
R853	1-249-437-11	CARBON	47K	5%	1/4W	
R854	1-249-417-11	CARBON	1K	5%	1/4W	F
R855	1-247-897-11	CARBON	560K	5%	1/4W	
R856	1-249-437-11	CARBON	47K	5%	1/4W	
R857	1-249-417-11	CARBON	1K	5%	1/4W	F
R858	1-249-441-11	CARBON	100K	5%	1/4W	
R859	1-247-815-91	CARBON	220	5%	1/4W	
						(N355:AEP, UK, G, IT, EE)
R871	1-249-417-11	CARBON	1K	5%	1/4W	F
R872	1-249-441-11	CARBON	100K	5%	1/4W	
R901	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R902	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R903	1-249-437-11	CARBON	47K	5%	1/4W	
R905	1-249-441-11	CARBON	100K	5%	1/4W	
R906	1-247-895-91	CARBON	470K	5%	1/4W	
R907	1-249-437-11	CARBON	47K	5%	1/4W	
R908	1-249-429-11	CARBON	10K	5%	1/4W	
R909	1-249-411-11	CARBON	330	5%	1/4W	
R910	1-249-429-11	CARBON	10K	5%	1/4W	
R911	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R912	1-249-441-11	CARBON	100K	5%	1/4W	
R913	1-249-429-11	CARBON	10K	5%	1/4W	
R914	1-249-437-11	CARBON	47K	5%	1/4W	
R915	1-249-441-11	CARBON	100K	5%	1/4W	
R916	1-249-441-11	CARBON	100K	5%	1/4W	
R917	1-247-903-00	CARBON	1M	5%	1/4W	
R918	1-249-429-11	CARBON	10K	5%	1/4W	
R920	1-249-441-11	CARBON	100K	5%	1/4W	
R930	1-249-429-11	CARBON	10K	5%	1/4W	
R931	1-249-429-11	CARBON	10K	5%	1/4W	
R932	1-249-429-11	CARBON	10K	5%	1/4W	
R933	1-247-887-00	CARBON	220K	5%	1/4W	
R935	1-249-437-11	CARBON	47K	5%	1/4W	
R938	1-247-807-31	CARBON	100	5%	1/4W	
R940	1-249-429-11	CARBON	10K	5%	1/4W	
R941	1-249-429-11	CARBON	10K	5%	1/4W	
R942	1-249-429-11	CARBON	10K	5%	1/4W	
R951	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(D570/N355)
R952	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R953	1-249-437-11	CARBON	47K	5%	1/4W	
R955	1-249-441-11	CARBON	100K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R956	1-247-895-91	CARBON	470K	5%	1/4W	
R957	1-249-437-11	CARBON	47K	5%	1/4W	
R958	1-249-429-11	CARBON	10K	5%	1/4W	
R959	1-249-411-11	CARBON	330	5%	1/4W	
R960	1-249-429-11	CARBON	10K	5%	1/4W	
R961	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R962	1-249-441-11	CARBON	100K	5%	1/4W	
R963	1-249-429-11	CARBON	10K	5%	1/4W	
R964	1-249-437-11	CARBON	47K	5%	1/4W	
R965	1-249-441-11	CARBON	100K	5%	1/4W	
R966	1-249-441-11	CARBON	100K	5%	1/4W	
R967	1-247-903-00	CARBON	1M	5%	1/4W	(N355K:MY)
R968	1-249-429-11	CARBON	10K	5%	1/4W	
R970	1-247-903-00	CARBON	1M	5%	1/4W	
R1001	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1002	1-247-815-91	CARBON	220	5%	1/4W	
R1003	1-249-417-11	CARBON	1K	5%	1/4W	F
R1007	1-249-417-11	CARBON	1K	5%	1/4W	F
R1020	1-247-815-91	CARBON	220	5%	1/4W	
R1021	1-247-815-91	CARBON	220	5%	1/4W	
R1022	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1023	1-249-417-11	CARBON	1K	5%	1/4W	F
R1220	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1221	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1222	1-247-815-91	CARBON	220	5%	1/4W	(N355K)
R1222	1-260-091-11	CARBON	220	5%	1/2W	(N355)
R1222	1-260-093-11	CARBON	330	5%	1/2W	(D570)
R1223	1-247-815-91	CARBON	220	5%	1/4W	(N355K)
R1223	1-260-091-11	CARBON	220	5%	1/2W	(N355)
R1223	1-260-093-11	CARBON	330	5%	1/2W	(D570)
⚠R1226	1-215-917-11	METAL OXIDE	1K	5%	3W	F
						(D570:US)
⚠R1226	1-216-456-00	METAL OXIDE	820	5%	2W	F
						(N355/N355K)
⚠R1226	1-215-891-11	METAL OXIDE	680	5%	2W	F
						(D570:CND)
R1233	1-247-854-11	CARBON	9.1K	5%	1/4W	(D570)
R1233	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(N355/N355K)
R1234	1-247-854-11	CARBON	9.1K	5%	1/4W	(D570)
R1234	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						(N355/N355K)
R1235	1-249-435-11	CARBON	33K	5%	1/4W	
						(N355/N355K)
R1235	1-249-437-11	CARBON	47K	5%	1/4W	(D570)
R1236	1-249-441-11	CARBON	100K	5%	1/4W	
R1237	1-249-429-11	CARBON	10K	5%	1/4W	
R1238	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R1240	1-249-438-11	CARBON	56K	5%	1/4W	
R1241	1-247-791-91	CARBON	22	5%	1/4W	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN MD

Ref.No.	Part No.	Description				Remark
R1245	1-247-863-91	CARBON	22K	5%	1/4W	
			(D570/N355/N355K:E, EA, SP, TH, IA)			
R1248	1-249-389-11	CARBON	4.7	5%	1/4W	F
			(N355:AEP, UK, G, IT, EE)			
R1249	1-249-389-11	CARBON	4.7	5%	1/4W	F
			(N355:AEP, UK, G, IT, EE)			
R1250	1-249-429-11	CARBON	10K	5%	1/4W	
R1264	1-249-429-11	CARBON	10K	5%	1/4W	
R1265	1-249-429-11	CARBON	10K	5%	1/4W	
R1266	1-249-429-11	CARBON	10K	5%	1/4W	
R1267	1-249-429-11	CARBON	10K	5%	1/4W	
R1270	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1271	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1272	1-247-815-91	CARBON	220	5%	1/4W	(N355K)
R1272	1-260-091-11	CARBON	220	5%	1/2W	(N355)
R1272	1-260-093-11	CARBON	330	5%	1/2W	(D570)
R1273	1-247-815-91	CARBON	220	5%	1/4W	(N355K)
R1273	1-260-091-11	CARBON	220	5%	1/2W	(N355)
R1273	1-260-093-11	CARBON	330	5%	1/2W	(D570)
R1290	1-249-437-11	CARBON	47K	5%	1/4W	
R1295	1-247-863-91	CARBON	22K	5%	1/4W	
R1298	1-249-389-11	CARBON	4.7	5%	1/4W	F
			(N355:AEP, UK, G, IT, EE)			
R1299	1-249-389-11	CARBON	4.7	5%	1/4W	F
			(N355:AEP, UK, G, IT, EE)			
R1303	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1304	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1311	1-249-425-11	CARBON	4.7K	5%	1/4W	F (D570)
R1312	1-249-441-11	CARBON	100K	5%	1/4W	(D570)
R1313	1-249-421-11	CARBON	2.2K	5%	1/4W	F (D570)
R1321	1-249-431-11	CARBON	15K	5%	1/4W	(D570)
R1371	1-249-431-11	CARBON	15K	5%	1/4W	(D570)

< VARIABLE RESISTOR >

RV301	1-238-600-11	RES, ADJ, CARBON 10K
RV351	1-238-600-11	RES, ADJ, CARBON 10K

< RELAY >

RY1201	1-515-356-00	RELAY (D570)
RY1201	1-515-920-11	RELAY (24V) (N355/N355K)

< TERMINAL >

TM1201	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SPEAKER) (D570/N355:E, MX, AR, AUS, PX/N355K)
TM1201	1-537-801-11	TERMINAL BOARD (SPEAKER) (N355:AEP, UK, G, IT, EE)
TM1202	1-537-240-31	TERMINAL BOARD (CHECKER PIN) (SURROUND SPEAKER)

< VIBRATOR >

X701	1-579-175-11	VIBRATOR, CERAMIC (10MHz)
X702	1-567-098-41	VIBRATOR, CRYSTAL (32kHz)

****

* A-2007-435-A MD BOARD, COMPLETE
****
(including MOTOR board)

MOTOR BOARD

< CAPACITOR >

Ref.No.	Part No.	Description			
C301	1-162-289-31	CERAMIC	390PF	10%	50V
C302	1-126-968-11	ELECT	100uF	20%	6.3V
C303	1-162-282-31	CERAMIC	100PF	10%	50V
C304	1-130-483-00	MYLAR	0.01uF	5%	50V
C305	1-107-715-11	ELECT	22uF	20%	16V
C311	1-162-289-31	CERAMIC	390PF	10%	50V
C313	1-162-282-31	CERAMIC	100PF	10%	50V
C314	1-130-487-00	MYLAR	0.022uF	5%	50V
C315	1-126-233-11	ELECT	22uF	20%	50V
C331	1-137-427-11	FILM	120PF	5%	50V
C332	1-162-288-31	CERAMIC	330PF	10%	50V
C333	1-162-209-31	CERAMIC	27PF	5%	50V
C401	1-162-289-31	CERAMIC	390PF	10%	50V
C402	1-126-968-11	ELECT	100uF	20%	6.3V
C403	1-162-282-31	CERAMIC	100PF	10%	50V
C404	1-130-483-00	MYLAR	0.01uF	5%	50V
C405	1-107-715-11	ELECT	22uF	20%	16V
C411	1-162-289-31	CERAMIC	390PF	10%	50V
C413	1-162-282-31	CERAMIC	100PF	10%	50V
C414	1-130-487-00	MYLAR	0.022uF	5%	50V
C415	1-126-233-11	ELECT	22uF	20%	50V
C431	1-137-427-11	FILM	120PF	5%	50V
C432	1-162-288-31	CERAMIC	330PF	10%	50V
C433	1-162-209-31	CERAMIC	27PF	5%	50V
C601	1-126-157-11	ELECT	10uF	20%	16V
C602	1-126-157-11	ELECT	10uF	20%	16V
C611	1-124-907-11	ELECT	10uF	20%	50V
C612	1-124-907-11	ELECT	10uF	20%	50V
C621	1-137-150-11	FILM	0.01uF	5%	100V
C622	1-126-961-11	ELECT	2.2uF	20%	50V
C623	1-136-155-00	FILM	0.015uF	5%	50V
C624	1-130-481-00	MYLAR	0.0068uF	5%	50V
C625	1-130-481-00	MYLAR	0.0068uF	5%	50V
C627	1-124-903-11	ELECT	1uF	20%	50V
C628	1-136-153-00	FILM	0.01uF	5%	50V
C642	1-104-664-11	ELECT	47uF	20%	16V
C651	1-161-494-00	CERAMIC	0.022uF		25V

< CONNECTOR >

* CN601	1-568-864-11	SOCKET, CONNECTOR 21P

Ref.No.	Part No.	Description				Remark
* CN602	1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P				
* CN651	1-564-521-11	PLUG, CONNECTOR 6P				
		< IC >				
IC601	8-759-710-59	IC NJM4580D-D				
IC602	8-759-143-54	IC uPC1330HA				
IC611	8-759-710-59	IC NJM4580D-D				
		< COIL >				
L331	1-410-780-11	INDUCTOR	27mH			
L431	1-410-780-11	INDUCTOR	27mH			
		< MOTOR >				
M2	X-3369-111-1	MOTOR ASSY (TRIGGER)				
		< TRANSISTOR >				
Q621	8-729-142-46	TRANSISTOR	2SC2001-LK			
Q622	8-729-142-46	TRANSISTOR	2SC2001-LK			
Q623	8-729-801-93	TRANSISTOR	2SD1387			
Q651	8-729-900-65	TRANSISTOR	DTA144ES			
		< RESISTOR >				
R301	1-247-881-00	CARBON	120K	5%	1/4W	
R302	1-249-409-11	CARBON	220	5%	1/4W	F
R303	1-249-433-11	CARBON	22K	5%	1/4W	
R304	1-247-889-00	CARBON	270K	5%	1/4W	
R305	1-247-858-11	CARBON	13K	5%	1/4W	
R311	1-247-881-00	CARBON	120K	5%	1/4W	
R312	1-247-807-31	CARBON	100	5%	1/4W	
R314	1-247-882-11	CARBON	130K	5%	1/4W	
R315	1-247-850-11	CARBON	6.2K	5%	1/4W	
R331	1-249-430-11	CARBON	12K	5%	1/4W	
R401	1-247-881-00	CARBON	120K	5%	1/4W	
R402	1-249-409-11	CARBON	220	5%	1/4W	F
R403	1-249-433-11	CARBON	22K	5%	1/4W	
R404	1-247-889-00	CARBON	270K	5%	1/4W	
R405	1-247-858-11	CARBON	13K	5%	1/4W	
R411	1-247-881-00	CARBON	120K	5%	1/4W	
R412	1-247-807-31	CARBON	100	5%	1/4W	
R414	1-247-882-11	CARBON	130K	5%	1/4W	
R415	1-247-850-11	CARBON	6.2K	5%	1/4W	
R431	1-249-430-11	CARBON	12K	5%	1/4W	
R601	1-249-409-11	CARBON	220	5%	1/4W	F
R602	1-249-409-11	CARBON	220	5%	1/4W	F
R608	1-249-409-11	CARBON	220	5%	1/4W	F
R609	1-249-433-11	CARBON	22K	5%	1/4W	
R611	1-249-409-11	CARBON	220	5%	1/4W	F
R612	1-249-409-11	CARBON	220	5%	1/4W	F
⚠R621	1-212-851-00	FUSIBLE	5.6	5%	1/4W	F
⚠R622	1-212-851-00	FUSIBLE	5.6	5%	1/4W	F
R623	1-249-432-11	CARBON	18K	5%	1/4W	
R624	1-249-432-11	CARBON	18K	5%	1/4W	
R625	1-249-429-11	CARBON	10K	5%	1/4W	
R651	1-247-856-00	CARBON	11K	5%	1/4W	
R652	1-247-856-00	CARBON	11K	5%	1/4W	
R653	1-249-441-11	CARBON	100K	5%	1/4W	
		< VARIABLE RESISTOR >				
RV301	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV311	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV341	1-238-551-11	RES, ADJ, CARBON 220K				
RV401	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV411	1-238-598-11	RES, ADJ, CARBON 2.2K				
RV441	1-238-551-11	RES, ADJ, CARBON 220K				
RV651	1-238-599-11	RES, ADJ, CARBON 4.7K				
RV652	1-238-599-11	RES, ADJ, CARBON 4.7K				
		< TRANSFORMER >				
T621	1-423-980-11	TRANSFORMER, BIAS OSCILLATION				
**********						
*	1-659-414-11	MIC BOARD (N355:E, MX, AR, AUS, PX/N355K)				
		**********				
		< CAPACITOR >				
C901	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C903	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C904	1-124-257-00	ELECT	2.2uF	20%	50V	
C905	1-162-215-31	CERAMIC	47PF	5%	50V	
C906	1-162-290-31	CERAMIC	470PF	10%	50V	
C907	1-136-160-00	FILM	0.039uF	5%	50V	
C908	1-124-257-00	ELECT	2.2uF	20%	50V	
C909	1-162-215-31	CERAMIC	47PF	5%	50V	
C910	1-162-286-21	CERAMIC	220PF	10%	50V (N355:E, MX, AR, AUS, PX)	
C910	1-162-290-31	CERAMIC	470PF	10%	50V (N355K)	
C911	1-126-963-11	ELECT	4.7uF	20%	50V	
C921	1-162-306-11	CERAMIC	0.01uF	30%	16V (N355K)	
C931	1-126-157-11	ELECT	10uF	20%	16V (N355K)	
C931	1-126-964-11	ELECT	10uF	20%	50V (N355:E, MX, AR, AUS, PX)	
C941	1-126-157-11	ELECT	10uF	20%	16V (N355K)	
C941	1-126-964-11	ELECT	10uF	20%	50V (N355:E, MX, AR, AUS, PX)	
C991	1-164-159-21	CERAMIC	0.1uF		50V (N355:E, MX, AR, AUS, PX/N355K)	
		< IC >				
IC901	8-759-634-51	IC M5218AP				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

MIC PANEL

Ref. No.	Part No.	Description				Remark
		< JACK >				
J901	1-573-151-11	JACK, LARGE TYPE (MIC)				(N355:E, MX, AR, AUS, PX)
J901	1-573-151-11	JACK, LARGE TYPE (MIC 1)				(N355K)
J902	1-573-151-11	JACK, LARGE TYPE (MIC 2)				(N355K)
		< RESISTOR >				
R901	1-249-429-11	CARBON	10K	5%	1/4W	
R902	1-249-417-11	CARBON	1K	5%	1/4W	F
R903	1-249-441-11	CARBON	100K	5%	1/4W	
R904	1-249-417-11	CARBON	1K	5%	1/4W	F
R905	1-247-863-91	CARBON	22K	5%	1/4W	
R906	1-247-840-00	CARBON	2.4K	5%	1/4W	(N355K)
R906	1-249-421-11	CARBON	2.2K	5%	1/4W	F (N355:E, MX, AR, AUS, PX)
R907	1-247-863-91	CARBON	22K	5%	1/4W	(N355K)
R907	1-249-436-11	CARBON	39K	5%	1/4W	(N355:E, MX, AR, AUS, PX)
R911	1-249-441-11	CARBON	100K	5%	1/4W	(N355K)
R921	1-249-429-11	CARBON	10K	5%	1/4W	(N355K)
R922	1-249-417-11	CARBON	1K	5%	1/4W	F (N355K)
R931	1-247-887-00	CARBON	220K	5%	1/4W	
		< VARIABLE RESISTOR >				
RV901	1-223-983-11	RES, VAR, CARBON 50K				
**********						
*	A-4389-673-A	PANEL BOARD, COMPLETE				
		**********				(D570/N355:AEP, UK, G, IT, EE)
*	A-4389-678-A	PANEL BOARD, COMPLETE				
		**********				(N355:E, MX, AR, AUS, PX)
*	A-4390-148-A	PANEL BOARD, COMPLETE (N355K:MY)				
		**********				
*	A-4390-155-A	PANEL BOARD, COMPLETE (N355K:E, EA, SP, IA)				
		**********				
*	A-4390-205-A	PANEL BOARD, COMPLETE (N355K:TH)				
		**********				
	4-971-014-11	HOLDER, FL TUBE				
		< CAPACITOR >				
C501	1-126-160-11	ELECT	1uF	20%	50V	
C502	1-164-159-21	CERAMIC	0.1uF		50V	
C503	1-126-160-11	ELECT	1uF	20%	50V	
C504	1-164-159-21	CERAMIC	0.1uF		50V	
C505	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C506	1-124-584-11	ELECT	100uF	20%	10V	
C511	1-164-159-21	CERAMIC	0.1uF		50V	
C512	1-164-159-21	CERAMIC	0.1uF		50V	
C513	1-164-159-21	CERAMIC	0.1uF		50V	
C514	1-164-159-21	CERAMIC	0.1uF		50V	
C515	1-126-793-11	ELECT	33uF	20%	35V	
C518	1-126-157-11	ELECT	10uF	20%	16V	
C519	1-164-159-21	CERAMIC	0.1uF		50V	
C520	1-164-159-21	CERAMIC	0.1uF		50V	
C521	1-164-159-21	CERAMIC	0.1uF		50V	
C522	1-164-159-21	CERAMIC	0.1uF		50V	
C523	1-126-177-11	ELECT	100uF	20%	10V	
C524	1-126-177-11	ELECT	100uF	20%	10V	
C545	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C546	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C547	1-126-157-11	ELECT	10uF	20%	16V	
C549	1-126-177-11	ELECT	100uF	20%	10V	
C591	1-164-159-21	CERAMIC	0.1uF		50V	
C601	1-126-157-11	ELECT	10uF	20%	16V	
C832	1-130-473-00	MYLAR	0.0015uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C833	1-126-301-11	ELECT	1uF	20%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C834	1-130-479-00	MYLAR	0.0047uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C835	1-126-301-11	ELECT	1uF	20%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C836	1-136-495-11	FILM	0.068uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C837	1-126-786-11	ELECT	47uF	20%	16V	(N355:E, MX, AR, AUS, PX/N355K)
C838	1-136-165-00	FILM	0.1uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C839	1-136-165-00	FILM	0.1uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C840	1-162-305-11	CERAMIC	0.0068uF	30%	16V	(N355:E, MX, AR, AUS, PX/N355K)
C841	1-136-495-11	FILM	0.068uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C842	1-130-479-00	MYLAR	0.0047uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C843	1-130-473-00	MYLAR	0.0015uF	5%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C844	1-126-786-11	ELECT	1uF	20%	50V	(N355:E, MX, AR, AUS, PX/N355K)
C845	1-161-494-00	CERAMIC	0.022uF		25V	(N355:E, MX, AR, AUS, PX/N355K)
C846	1-126-177-11	ELECT	100uF	20%	10V	(N355:E, MX, AR, AUS, PX/N355K)
C847	1-164-159-11	CERAMIC	0.1uF		50V	(N355:E, MX, AR, AUS, PX/N355K)
C848	1-162-290-31	CERAMIC	470PF	10%	50V	(N355:E, MX, AR, AUS, PX/N355K)

Ref. No.	Part No.	Description	Remark
C849	1-162-290-31	CERAMIC 470PF 10% 50V	(N355:E, MX, AR, AUS, PX/N355K)
C850	1-126-177-11	ELECT 100uF 20% 10V	(N355:E, MX, AR, AUS, PX/N355K)
C861	1-126-096-11	ELECT 10uF 20% 35V	(N355:E, MX, AR, AUS, PX/N355K)
C862	1-126-096-11	ELECT 10uF 20% 35V	(N355:E, MX, AR, AUS, PX/N355K)
C863	1-164-159-11	CERAMIC 0.1uF 50V	(N355:E, MX, AR, AUS, PX/N355K)
C864	1-126-157-11	ELECT 10uF 20% 16V	(N355:E, MX, AR, AUS, PX/N355K)
C865	1-164-159-11	CERAMIC 0.1uF 50V	(N355:E, MX, AR, AUS, PX/N355K)
C867	1-124-455-00	ELECT 100uF 20% 16V	(N355:E, MX, AR, AUS, PX/N355K)
C882	1-162-215-31	CERAMIC 47PF 5% 50V	(N355:E, MX, AR, AUS, PX/N355K)
C884	1-162-290-31	CERAMIC 470PF 10% 50V	(N355:E, MX, AR, AUS, PX/N355K)
C885	1-162-282-31	CERAMIC 100PF 10% 50V	(N355:E, MX, AR, AUS, PX/N355K)
C886	1-124-257-00	ELECT 2.2uF 20% 50V	(N355:E, MX, AR, AUS, PX/N355K)
C887	1-162-215-31	CERAMIC 47PF 5% 50V	(N355:E, MX, AR, AUS, PX/N355K)
C3002	1-164-159-21	CERAMIC 0.1uF 50V	
C3010	1-162-294-31	CERAMIC 0.001uF 10% 50V	
C3034	1-124-584-00	ELECT 100uF 20% 10V	
C3046	1-124-584-00	ELECT 100uF 20% 10V	
C3047	1-164-159-21	CERAMIC 0.1uF 50V	
C3048	1-126-177-11	ELECT 100uF 20% 10V	
C3049	1-164-159-21	CERAMIC 0.1uF 50V	
C3201	1-126-163-11	ELECT 4.7uF 20% 50V	
C3202	1-136-169-00	FILM 0.22uF 5% 50V	
C3203	1-124-464-11	ELECT 0.22uF 20% 50V	
C3211	1-126-160-11	ELECT 1uF 20% 50V	
C3212	1-136-155-00	FILM 0.015uF 5% 50V	
C3213	1-124-464-11	ELECT 0.22uF 20% 50V	
C3221	1-136-167-00	FILM 0.15uF 5% 50V	
C3222	1-162-302-11	CERAMIC 0.0022uF 30% 16V	
C3223	1-124-464-11	ELECT 0.22uF 20% 50V	
C3232	1-162-293-31	CERAMIC 820PF 10% 50V	
C3233	1-124-464-11	ELECT 0.22uF 20% 50V	
		< CONNECTOR >	
CN501	1-568-802-11	SOCKET, CONNECTOR 19P	(D570/N355:AEP, UK, G, IT, EE)
CN501	1-568-838-11	SOCKET, CONNECTOR 21P	(N355:E, MX, AR, AUS, PX)
* CN501	1-568-841-11	SOCKET, CONNECTOR 25P (N355K)	

Ref. No.	Part No.	Description	Remark
		< DIODE >	
D511	8-719-987-63	DIODE 1N4148M	
D512	8-719-987-63	DIODE 1N4148M	
D601	8-719-058-03	DIODE SEL5423E-TP15	(TUNER/BAND)
D602	8-719-058-03	DIODE SEL5423E-TP15	(TUNER/BAND)
D611	8-719-058-04	DIODE SEL5223S-TP15	(EFFECT)
D612	8-719-058-04	DIODE SEL5223S-TP15	(ROCK, GAME)
D613	8-719-058-04	DIODE SEL5223S-TP15	(POPS, DANCE)
D614	8-719-058-04	DIODE SEL5223S-TP15	(JAZZ, STADIUM)
D615	8-719-058-04	DIODE SEL5223S-TP15	(CLASSIC, STUDIO)
D616	8-719-058-04	DIODE SEL5223S-TP15	(SALSA, CHURCH)
D617	8-719-058-04	DIODE SEL5223S-TP15	(P FILE)
D618	8-719-058-04	DIODE SEL5223S-TP15	(MORE 5)
D619	8-719-057-09	DIODE LNJ801LPDJA	(ENTER/NEXT)
D620	8-719-058-04	DIODE SEL5223S-TP15	(SELECT 5)
D621	8-719-057-97	DIODE SEL5923A-TP15	(ECHO) (N355K)
D622	8-719-058-04	DIODE SEL5223S-TP15	(KEY CONTROL) (N355K)
D861	8-719-987-63	DIODE 1N4148M	(N355:E, MX, AR, AUS, PX/N355K)
D862	8-719-987-63	DIODE 1N4148M	(N355:E, MX, AR, AUS, PX/N355K)
D3026	8-719-987-63	DIODE 1N4148M	
D3027	8-719-987-63	DIODE 1N4148M	
D3028	8-719-987-63	DIODE 1N4148M	
D3029	8-719-987-63	DIODE 1N4148M	
D3201	8-719-987-63	DIODE 1N4148M	
D3211	8-719-987-63	DIODE 1N4148M	
D3221	8-719-987-63	DIODE 1N4148M	
D3231	8-719-987-63	DIODE 1N4148M	
		< FLUORESCENT INDICATOR >	
FL501	1-517-490-21	INDICATOR TUBE, FLUORESCENT	
		< IC >	
IC501	8-759-375-43	IC ASD0204-012-3BA	
IC502	8-759-339-53	IC GP1U28XB	
IC503	8-759-140-53	IC uPD4053BC	
IC504	8-759-916-14	IC SN74HC04AN	
IC806	8-759-265-83	IC M65843FP	(N355:E, MX, AR, AUS, PX/N355K)
IC808	8-759-634-51	IC M5218AP	(N355:E, MX, AR, AUS, PX/N355K)
IC861	8-759-140-53	IC uPD4053BC	(N355:E, MX, AR, AUS, PX/N355K)
		< COIL >	
L511	1-410-521-11	INDUCTOR 100uH	
L840	1-410-521-11	INDUCTOR 100uH	(N355:E, MX, AR, AUS, PX/N355K)

PANEL

Ref.No.	Part No.	Description	Remark
		< TRANSISTOR >	
Q601	8-729-422-57	TRANSISTOR UN4111	
Q603	8-729-422-57	TRANSISTOR UN4111	
Q605	8-729-422-57	TRANSISTOR UN4111	
Q611	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q612	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q622	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q623	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q624	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q625	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q626	8-729-900-80	TRANSISTOR DTC114ES (N355K)	
Q629	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q630	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q631	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q632	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q633	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q634	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q635	8-729-900-80	TRANSISTOR DTC114ES (N355K)	
Q636	8-729-119-78	TRANSISTOR 2SC403SP-51	
Q3151	8-729-900-80	TRANSISTOR DTC114ES	
Q3152	8-729-903-02	TRANSISTOR DTA143XS	
		< RESISTOR >	
R501	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R502	1-249-401-11	CARBON 47 5% 1/4W	F
R503	1-249-403-11	CARBON 68 5% 1/4W	F
R504	1-247-807-31	CARBON 100 5% 1/4W	
R505	1-249-407-11	CARBON 150 5% 1/4W	F
R506	1-249-407-11	CARBON 150 5% 1/4W	F
R507	1-247-815-91	CARBON 220 5% 1/4W	
R508	1-249-411-11	CARBON 330 5% 1/4W	
R509	1-249-413-11	CARBON 470 5% 1/4W	F
R510	1-249-415-11	CARBON 680 5% 1/4W	F
R511	1-249-417-11	CARBON 1K 5% 1/4W	F
R517	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R518	1-249-401-11	CARBON 47 5% 1/4W	F
R519	1-249-403-11	CARBON 68 5% 1/4W	F
R520	1-247-807-31	CARBON 100 5% 1/4W	
R521	1-249-407-11	CARBON 150 5% 1/4W	F
R522	1-249-407-11	CARBON 150 5% 1/4W	F
R523	1-247-815-91	CARBON 220 5% 1/4W	
R524	1-249-411-11	CARBON 330 5% 1/4W	
R525	1-249-413-11	CARBON 470 5% 1/4W	F
R526	1-249-415-11	CARBON 680 5% 1/4W	F
R527	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R528	1-249-401-11	CARBON 47 5% 1/4W	F
R529	1-249-403-11	CARBON 68 5% 1/4W	F
R530	1-247-807-31	CARBON 100 5% 1/4W	

Ref.No.	Part No.	Description	Remark
R531	1-249-407-11	CARBON 150 5% 1/4W	F
R532	1-249-407-11	CARBON 150 5% 1/4W	F
R548	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R549	1-247-807-31	CARBON 100 5% 1/4W	
R550	1-249-407-11	CARBON 150 5% 1/4W	F
R551	1-249-407-11	CARBON 150 5% 1/4W	F
R552	1-247-815-91	CARBON 220 5% 1/4W	
R553	1-249-429-11	CARBON 10K 5% 1/4W	
R554	1-249-441-11	CARBON 100K 5% 1/4W	
R564	1-249-419-11	CARBON 1.5K 5% 1/4W	F
R565	1-247-807-31	CARBON 100 5% 1/4W	
R566	1-249-407-11	CARBON 150 5% 1/4W	F
R567	1-249-407-11	CARBON 150 5% 1/4W	F
R586	1-247-815-91	CARBON 220 5% 1/4W	
R588	1-247-815-91	CARBON 220 5% 1/4W	
R591	1-249-403-11	CARBON 68 5% 1/4W	F
R592	1-249-401-11	CARBON 47 5% 1/4W	F
R593	1-249-403-11	CARBON 68 5% 1/4W	F
R594	1-249-401-11	CARBON 47 5% 1/4W	F
R611	1-249-429-11	CARBON 10K 5% 1/4W	
R612	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R613	1-249-429-11	CARBON 10K 5% 1/4W	
R614	1-249-421-11	CARBON 2.2K 5% 1/4W	F
R625	1-247-815-91	CARBON 220 5% 1/4W	(N355K)
R626	1-249-411-11	CARBON 330 5% 1/4W	(N355K)
R633	1-247-807-31	CARBON 100 5% 1/4W	
R634	1-247-807-31	CARBON 100 5% 1/4W	
R635	1-247-807-31	CARBON 100 5% 1/4W	
R636	1-247-807-31	CARBON 100 5% 1/4W	
R637	1-247-807-31	CARBON 100 5% 1/4W	
R641	1-249-406-11	CARBON 120 5% 1/4W	F
R642	1-247-807-31	CARBON 100 5% 1/4W	
R643	1-247-807-31	CARBON 100 5% 1/4W	
R644	1-249-406-11	CARBON 120 5% 1/4W	F
R645	1-249-407-11	CARBON 150 5% 1/4W	F
R646	1-249-406-11	CARBON 120 5% 1/4W	F
R648	1-249-425-11	CARBON 4.7K 5% 1/4W	F
R698	1-249-393-11	CARBON 10 5% 1/4W	F
R700	1-249-393-11	CARBON 10 5% 1/4W	F
R705	1-249-429-11	CARBON 10K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	
R837	1-249-429-11	CARBON 10K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	
R838	1-249-431-11	CARBON 15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	
R839	1-249-431-11	CARBON 15K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	
R840	1-249-399-11	CARBON 33 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	F
R841	1-249-423-11	CARBON 3.3K 5% 1/4W (N355:E, MX, AR, AUS, PX/N355K)	F

Ref. No.	Part No.	Description				Remark
R842	1-249-433-11	CARBON	22K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R843	1-249-431-11	CARBON	15K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R844	1-249-431-11	CARBON	15K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R846	1-249-431-11	CARBON	15K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R848	1-247-903-00	CARBON	1M	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R849	1-249-423-11	CARBON	3.3K	5%	1/4W	F
			(N355:E, MX, AR, AUS, PX/N355K)			
R857	1-249-417-11	CARBON	1K	5%	1/4W	F
			(N355:E, MX, AR, AUS, PX/N355K)			
R861	1-249-431-11	CARBON	15K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R862	1-249-427-11	CARBON	6.8K	5%	1/4W	F
			(N355:E, MX, AR, AUS, PX/N355K)			
R875	1-247-815-91	CARBON	220	5%	1/4W	
			(N355:E, MX, AR, AUS, PX)			
R884	1-249-435-11	CARBON	33K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R885	1-249-429-11	CARBON	10K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R886	1-249-429-11	CARBON	10K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R887	1-249-431-11	CARBON	15K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R888	1-249-429-11	CARBON	10K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R889	1-249-429-11	CARBON	10K	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R891	1-247-807-31	CARBON	100	5%	1/4W	
			(N355:E, MX, AR, AUS, PX/N355K)			
R3011	1-247-903-00	CARBON	1M	5%	1/4W	
R3015	1-249-429-11	CARBON	10K	5%	1/4W	
R3019	1-249-429-11	CARBON	10K	5%	1/4W	
R3020	1-249-429-11	CARBON	10K	5%	1/4W	
R3021	1-249-429-11	CARBON	10K	5%	1/4W	
R3022	1-249-429-11	CARBON	10K	5%	1/4W	
R3023	1-249-429-11	CARBON	10K	5%	1/4W	
R3024	1-249-429-11	CARBON	10K	5%	1/4W	
R3036	1-249-429-11	CARBON	10K	5%	1/4W	
R3037	1-249-429-11	CARBON	10K	5%	1/4W	
R3038	1-249-429-11	CARBON	10K	5%	1/4W	
R3041	1-249-429-11	CARBON	10K	5%	1/4W	
R3042	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R3049	1-249-429-11	CARBON	10K	5%	1/4W	
R3050	1-249-429-11	CARBON	10K	5%	1/4W	
R3051	1-249-429-11	CARBON	10K	5%	1/4W	
R3052	1-249-429-11	CARBON	10K	5%	1/4W	
R3053	1-249-429-11	CARBON	10K	5%	1/4W	
R3087	1-249-441-11	CARBON	100K	5%	1/4W	

Ref. No.	Part No.	Description				Remark
R3110	1-247-807-31	CARBON	100	5%	1/4W	
R3115	1-247-807-31	CARBON	100	5%	1/4W	
R3122	1-247-807-31	CARBON	100	5%	1/4W	
R3123	1-247-807-31	CARBON	100	5%	1/4W	
R3124	1-247-807-31	CARBON	100	5%	1/4W	
R3138	1-247-807-31	CARBON	100	5%	1/4W	
R3201	1-249-411-11	CARBON	330	5%	1/4W	
R3202	1-249-437-11	CARBON	47K	5%	1/4W	
R3203	1-247-895-91	CARBON	470K	5%	1/4W	
R3204	1-247-895-91	CARBON	470K	5%	1/4W	
R3211	1-249-411-11	CARBON	330	5%	1/4W	
R3212	1-249-437-11	CARBON	47K	5%	1/4W	
R3213	1-247-895-91	CARBON	470K	5%	1/4W	
R3214	1-247-895-91	CARBON	470K	5%	1/4W	
R3221	1-249-411-11	CARBON	330	5%	1/4W	
R3222	1-249-437-11	CARBON	47K	5%	1/4W	
R3223	1-247-895-91	CARBON	470K	5%	1/4W	
R3224	1-247-895-91	CARBON	470K	5%	1/4W	
R3231	1-247-807-31	CARBON	100	5%	1/4W	
R3232	1-249-437-11	CARBON	47K	5%	1/4W	
R3233	1-247-895-91	CARBON	470K	5%	1/4W	
R3234	1-247-895-91	CARBON	470K	5%	1/4W	
R3243	1-247-807-31	CARBON	100	5%	1/4W	

< SWITCH >

S501	1-554-303-21	SWITCH, TACTILE	(SYSTEM POWER)
S502	1-554-303-21	SWITCH, TACTILE	(SLEEP)
S503	1-554-303-21	SWITCH, TACTILE	(CLOCK SET)
S504	1-554-303-21	SWITCH, TACTILE	(EFFECT)
S505	1-554-303-21	SWITCH, TACTILE	(ECHO) (N355K)
S506	1-554-303-21	SWITCH, TACTILE	(KARAOKE PON/MPX) (N355:E, MX, AR, AUS, PX/N355K)
S507	1-554-303-21	SWITCH, TACTILE	(TUNING MODE)
S508	1-554-303-21	SWITCH, TACTILE	(>)
S509	1-554-303-21	SWITCH, TACTILE	(∧)
S510	1-554-303-21	SWITCH, TACTILE	(<)
S511	1-554-303-21	SWITCH, TACTILE	(∨)
S517	1-554-303-21	SWITCH, TACTILE	(ENTER/NEXT)
S518	1-554-303-21	SWITCH, TACTILE	(DISPLAY/DEMO)
S519	1-554-303-21	SWITCH, TACTILE	(REC)
S520	1-554-303-21	SWITCH, TACTILE	(DAILY 2)
S521	1-554-303-21	SWITCH, TACTILE	(DAILY 1)
S522	1-554-303-21	SWITCH, TACTILE	(TIMER SET)
S523	1-554-303-21	SWITCH, TACTILE	(♭ DOWN) (N355K)
S524	1-554-303-21	SWITCH, TACTILE	(# UP) (N355K)
S525	1-554-303-21	SWITCH, TACTILE	(FUNCTION)
S526	1-554-303-21	SWITCH, TACTILE	(EQ MEMORY)
S527	1-554-303-21	SWITCH, TACTILE	(FILE 1)
S528	1-554-303-21	SWITCH, TACTILE	(FILE 2)
S529	1-554-303-21	SWITCH, TACTILE	(FILE 3)
S530	1-554-303-21	SWITCH, TACTILE	(FILE 4)

PANEL | POWER AMPLIFIER

Ref. No.	Part No.	Description			Remark
S531	1-554-303-21	SWITCH, TACTILE (FILE SELECT)			
S532	1-554-303-21	SWITCH, TACTILE (FILE 5)			
S550	1-554-303-21	SWITCH, TACTILE (SURROUND)			
S551	1-554-303-21	SWITCH, TACTILE (DBFB)			
S552	1-554-303-21	SWITCH, TACTILE (TUNER/BAND)			
S565	1-554-303-21	SWITCH, TACTILE (STEREO/MONO)			
S566	1-554-303-21	SWITCH, TACTILE (TUNER MEMORY)			
S567	1-554-303-21	SWITCH, TACTILE (+ TUNING)			
S568	1-554-303-21	SWITCH, TACTILE (- TUNING)			
S579	1-467-869-11	ENCODER, ROTARY (VOLUME)			
		< VIBRATOR >			
X801	1-527-978-00	OSCILLATOR, CERAMIC (320kHz)			(N355K:MY, TH)
X3001	1-579-233-11	VIBRATOR, CERAMIC (4MHz)			
**********					
*	A-4378-988-A	POWER AMPLIFIER BOARD, COMPLETE			
		**********			(N355:AEP, UK, G, IT, EE)
*	A-4378-998-A	POWER AMPLIFIER BOARD, COMPLETE			
		**********			(N355:E, MX, AR, AUS, PX/N355K:E, EA, SP, IA)
*	A-4389-671-A	POWER AMPLIFIER BOARD, COMPLETE			
		**********			(D570:US, CND)
*	A-4390-149-A	POWER AMPLIFIER BOARD, COMPLETE			
		**********			(N355K:MY)
*	A-4390-206-A	POWER AMPLIFIER BOARD, COMPLETE			
		**********			(N355K:TH)
		< CAPACITOR >			
C1201	1-128-582-11	ELECT	10uF	20%	100V(D570)
C1201	1-126-963-11	ELECT	4.7uF	20%	50V (N355/N355K)
C1202	1-162-288-31	CERAMIC	330PF	10%	50V
C1203	1-162-286-21	CERAMIC	220PF	10%	50V
C1204	1-126-967-11	ELECT	47uF	20%	10V
C1205	1-126-967-11	ELECT	47uF	20%	50V
C1206	1-126-968-11	ELECT	100uF	20%	50V (N355/N355K)
C1206	1-128-560-11	ELECT	22uF	20%	100V(D570)
C1207	1-136-165-00	FILM	0.1uF	5%	50V
C1208	1-126-965-11	ELECT	22uF	20%	50V
C1210	1-136-495-11	FILM	0.068uF	5%	50V
C1211	1-136-495-11	FILM	0.068uF	5%	50V
C1220	1-126-924-11	ELECT	330uF	20%	10V
C1225	1-162-284-31	CERAMIC	150PF	10%	50V (N355:AEP, UK, G, IT, EE)
C1251	1-128-582-11	ELECT	10uF	20%	100V(D570)
C1251	1-126-963-11	ELECT	4.7uF	20%	50V (N355/N355K)
C1252	1-162-288-31	CERAMIC	330PF	10%	50V
C1253	1-162-286-21	CERAMIC	220PF	10%	50V
C1253	1-162-286-31	CERAMIC	220PF	10%	50V (N355K:MY)
C1254	1-126-967-11	ELECT	47uF	20%	10V
C1255	1-126-967-11	ELECT	47uF	20%	50V
C1256	1-126-968-11	ELECT	100uF	20%	50V (N355/N355K)
C1256	1-128-560-11	ELECT	22uF	20%	100V(D570)
C1257	1-136-165-00	FILM	0.1uF	5%	50V
C1260	1-136-495-11	FILM	0.068uF	5%	50V
C1261	1-136-495-11	FILM	0.068uF	5%	50V
		< CONNECTOR >			
CN1203	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CN1204	1-691-770-11	PLUG (MICRO CONNECTOR) 8P			
		< DIODE >			
D1201	8-719-815-85	DIODE	1S1585 (D570)		
D1201	8-719-987-63	DIODE	1N4148M (N355/N355K)		
D1202	8-719-987-63	DIODE	1N4148M		
D1203	8-719-987-63	DIODE	1N4148M		
D1251	8-719-815-85	DIODE	1S1585 (D570)		
D1251	8-719-987-63	DIODE	1N4148M (N355/N355K)		
		< IC >			
IC1201	8-749-900-34	IC	STK-4182MK2		(N355:E, MX, AR, AUS, PX/N355K)
IC1201	8-749-920-10	IC	STK4172MK2 (N355:AEP, UK, G, IT, EE)		
IC1201	8-749-921-68	IC	STK-4231MK2 (D570:US, CND)		
		< TRANSISTOR >			
Q1201	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q1251	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q1301	8-729-900-36	TRANSISTOR	DTC124ES (D570)		
Q1302	8-729-900-36	TRANSISTOR	DTC124ES (D570)		
		< RESISTOR >			
R1201	1-249-417-11	CARBON	1K	5%	1/4W F
R1202	1-249-437-11	CARBON	47K	5%	1/4W
R1203	1-249-413-11	CARBON	470	5%	1/4W F (D570)
R1203	1-249-415-11	CARBON	680	5%	1/4W F (N355/N355K)
R1204	1-249-437-11	CARBON	47K	5%	1/4W

Ref. No.	Part No.	Description				Remark
R1205	1-260-103-11	CARBON	2.2K	5%	1/2W	(N355:AEP, UK, IT, G, EE)
R1205	1-260-105-11	CARBON	3.3K	5%	1/2W	(N355:E, MX, AR, AUS, PX/N355K)
R1205	1-260-107-11	CARBON	4.7K	5%	1/2W	(D570)
R1207	1-260-103-11	CARBON	2.2K	5%	1/2W	(N355:AEP, UK, G, IT, EE)
R1207	1-260-105-11	CARBON	3.3K	5%	1/2W	(N355:E, MX, AR, AUS, PX/N355K)
R1207	1-260-107-11	CARBON	4.7K	5%	1/2W	(D570)
⚠R1209	1-212-881-11	FUSIBLE	100	5%	1/4W	F
⚠R1210	1-208-601-11	WIREWOUND	0.1	10%	2W	F (D570)
⚠R1210	1-208-602-11	WIREWOUND	0.22	10%	2W	F (N355/N355K)
R1211	1-249-417-11	CARBON	1K	5%	1/4W	F
R1212	1-247-863-91	CARBON	22K	5%	1/4W	(D570)
R1212	1-249-431-11	CARBON	15K	5%	1/4W	(N355/N355K)
R1213	1-249-441-11	CARBON	100K	5%	1/4W	
R1214	1-260-099-11	CARBON	1K	5%	1/2W	(N355/N355K)
R1214	1-260-102-11	CARBON	1.8K	5%	1/2W	(D570)
R1217	1-260-099-11	CARBON	1K	5%	1/2W	(N355/N355K)
R1217	1-260-102-11	CARBON	1.8K	5%	1/2W	(D570)
R1218	1-260-076-11	CARBON	10	5%	1/2W	
R1228	1-247-882-11	CARBON	130K	5%	1/4W	(N355/N355K)
R1228	1-247-891-00	CARBON	330K	5%	1/4W	(D570)
R1230	1-249-425-11	CARBON	4.7K	5%	1/4W	(D570)
R1230	1-249-423-11	CARBON	3.3K	5%	1/4W	(N355/N355K)
R1241	1-249-397-11	CARBON	22	5%	1/4W	F (N355K:MY)
R1242	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R1243	1-217-637-00	FUSIBLE	1	5%	1/4W	F
R1251	1-249-417-11	CARBON	1K	5%	1/4W	F
R1252	1-249-437-11	CARBON	47K	5%	1/4W	
R1253	1-249-413-11	CARBON	470	5%	1/4W	F (D570)
R1253	1-249-415-11	CARBON	680	5%	1/4W	F (N355/N355K)
R1254	1-249-437-11	CARBON	47K	5%	1/4W	
R1255	1-260-103-11	CARBON	2.2K	5%	1/2W	(N355:AEP, UK, IT, G, EE)
R1255	1-260-105-11	CARBON	3.3K	5%	1/2W	(N355:E, MX, AR, AUS, PX/N355K)
R1255	1-260-107-11	CARBON	4.7K	5%	1/2W	(D570)
R1257	1-260-103-11	CARBON	2.2K	5%	1/2W	(N355:AEP, UK, IT, G, EE)
R1257	1-260-105-11	CARBON	3.3K	5%	1/2W	(N355:E, MX, AR, AUS, PX/N355K)
R1257	1-260-107-11	CARBON	4.7K	5%	1/2W	(D570)
⚠R1259	1-212-881-11	FUSIBLE	100	5%	1/4W	F
⚠R1260	1-208-601-11	WIREWOUND	0.1	10%	2W	F (D570)
⚠R1260	1-208-602-11	WIREWOUND	0.22	10%	2W	F (N355/N355K)
R1261	1-249-417-11	CARBON	1K	5%	1/4W	F
R1262	1-247-863-91	CARBON	22K	5%	1/4W	(D570)
R1262	1-249-431-11	CARBON	15K	5%	1/4W	(N355/N355K)
R1263	1-249-441-11	CARBON	100K	5%	1/4W	
R1268	1-260-076-11	CARBON	10	5%	1/2W	
R1300	1-249-441-11	CARBON	100K	5%	1/4W	(D570)
R1301	1-249-441-11	CARBON	100K	5%	1/4W	(D570)
R1302	1-249-441-11	CARBON	100K	5%	1/4W	(D570)
⚠R1303	1-249-383-11	CARBON	1.5	5%	1/4W	F (D570:US, CND)

< THERMISTOR >

THP12011-807-796-11	THERMISTOR, POSITIVE	(D570:US, CND)	

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*	1-659-058-12	TABLE SENSOR BOARD	
		**********	

< IC >

IC202	8-749-924-18	PHOTO INTERRUPTER RPI-1391	

< RESISTOR >

R207	1-249-416-11	CARBON	820	5%	1/4W	F

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*	1-659-413-11	TC CONTROL BOARD	
		**********	

< DIODE >

D630	8-719-058-03	DIODE	SEL5423E-TP15 (▷) (DECK B)
D631	8-719-058-03	DIODE	SEL5423E-TP15 (◁) (DECK B)
D632	8-719-058-03	DIODE	SEL5423E-TP15 (▷) (DECK A)
D633	8-719-058-03	DIODE	SEL5423E-TP15 (◁) (DECK A)
D634	8-719-058-03	DIODE	SEL5423E-TP15
D635	8-719-058-03	DIODE	SEL5423E-TP15

< RESISTOR >

R538	1-247-815-91	CARBON	220	5%	1/4W	
R539	1-249-411-11	CARBON	330	5%	1/4W	
R540	1-249-413-11	CARBON	470	5%	1/4W	F
R541	1-249-415-11	CARBON	680	5%	1/4W	F
R542	1-249-417-11	CARBON	1K	5%	1/4W	F
R543	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R544	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R545	1-249-423-11	CARBON	3.3K	5%	1/4W	F

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

TC CONTROL | TC SW | TCB

Ref. No.	Part No.	Description				Remark
R546	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R547	1-249-431-11	CARBON	15K	5%	1/4W	
R672	1-247-815-91	CARBON	220	5%	1/4W	
R673	1-247-815-91	CARBON	220	5%	1/4W	
		< SWITCH >				
S539	1-554-303-21	SWITCH, TACTILE (▶▶) (DECK B)				
S540	1-554-303-21	SWITCH, TACTILE (◀◀) (DECK B)				
S541	1-554-303-21	SWITCH, TACTILE (■) (DECK B)				
S542	1-554-303-21	SWITCH, TACTILE (▷) (DECK B)				
S543	1-554-303-21	SWITCH, TACTILE (◁) (DECK B)				
S544	1-554-303-21	SWITCH, TACTILE (▷) (DECK A)				
S545	1-554-303-21	SWITCH, TACTILE (◁) (DECK A)				
S546	1-554-303-21	SWITCH, TACTILE (▶▶) (DECK A)				
S547	1-554-303-21	SWITCH, TACTILE (◀◀) (DECK A)				
S548	1-554-303-21	SWITCH, TACTILE (■) (DECK A)				
**********						
*	1-659-412-11	TC SW BOARD				
		**********				
		< CONNECTOR >				
* CN503	1-568-945-11	PIN, CONNECTOR 7P				
		< DIODE >				
D628	8-719-058-17	DIODE LNJ401NPYJA (▮▮)				
D629	8-719-057-09	DIODE LNJ801LPDJA (●)				
		< RESISTOR >				
R533	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R534	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R535	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R536	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R537	1-249-431-11	CARBON	15K	5%	1/4W	
			(D570/N355:AEP, UK, G, IT, EE)			
R590	1-249-417-11	CARBON	1K	5%	1/4W	F
R649	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R650	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R651	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R652	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R656	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R657	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R658	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R659	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R660	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R661	1-249-425-11	CARBON	4.7K	5%	1/4W	F
		< SWITCH >				
S533	1-554-303-21	SWITCH, TACTILE (CD SYNCHRO)				
S534	1-554-303-21	SWITCH, TACTILE (HIGH SPEED DUBBING)				
S535	1-554-303-21	SWITCH, TACTILE (▮▮)				
S536	1-554-303-21	SWITCH, TACTILE (● REC)				
S537	1-554-303-21	SWITCH, TACTILE (DIRECTION)				
S538	1-554-303-21	SWITCH, TACTILE (DOLBY NR)				
		(D570/N355:AEP, UK, G, IT, EE)				
**********						
*	A-4303-510-A	TCB BOARD, COMPLETE (D570)				
		**********				
*	A-4303-513-A	TCB BOARD, COMPLETE				
		**********				
		(N355:E, AUS, AR, MX, PX/N355K:E, SP, IA)				
*	A-4303-525-A	TCB BOARD, COMPLETE (N355K:MY)				
		**********				
*	A-4303-555-A	TCB BOARD, COMPLETE (N355K:TH)				
		**********				
		< CAPACITOR >				
C1	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C2	1-126-967-11	ELECT	47uF	20%	16V	
C3	1-164-159-21	CERAMIC	0.1uF		50V	
C5	1-162-306-11	CERAMIC	10000PF	30%	16V	
C6	1-162-306-11	CERAMIC	10000PF	30%	16V	
C7	1-101-004-00	CERAMIC	0.01uF		50V	
C8	1-162-306-11	CERAMIC	10000PF	30%	16V	
C9	1-162-306-11	CERAMIC	10000PF	30%	16V	
C11	1-164-159-21	CERAMIC	0.1uF		50V	
C12	1-162-198-31	CERAMIC	8.2PF	10%	50V	
C14	1-162-306-11	CERAMIC	10000PF	30%	16V	
C21	1-102-959-00	CERAMIC	22PF	5%	50V	
					(EXCEPT N355K:TH)	
C21	1-102-960-00	CERAMIC	24PF	5%	50V	
					(N355K:TH)	
C22	1-164-159-21	CERAMIC	0.1uF		50V	
C23	1-162-306-11	CERAMIC	10000PF	30%	16V	
C24	1-126-967-11	ELECT	47uF	20%	16V	
C25	1-162-306-11	CERAMIC	10000PF	30%	16V	
C26	1-126-964-11	ELECT	10uF	20%	50V	
C27	1-164-159-21	CERAMIC	0.1uF		50V	
C28	1-124-925-11	ELECT	2.2uF	20%	100V	
C29	1-102-518-11	CERAMIC	33PF	5%	50V	
					(EXCEPT N355K:TH)	
C29	1-102-960-00	CERAMIC	24PF	5%	50V	
					(N355K:TH)	
C30	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C31	1-162-306-11	CERAMIC	10000PF	30%	16V	
C41	1-126-933-11	ELECT	100uF	20%	10V	
C42	1-162-306-11	CERAMIC	10000PF	30%	16V	

Ref.No.	Part No.	Description				Remark
C43	1-126-962-11	ELECT	3.3uF	20%	50V	
C44	1-162-306-11	CERAMIC	10000PF	30%	16V	
C45	1-124-589-11	ELECT	47uF	20%	16V	
C46	1-162-600-11	CERAMIC	4700PF	30%	16V	
C47	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C48	1-126-160-11	ELECT	1uF	20%	50V	
C49	1-136-159-00	METALIZED FILM	0.033uF	5%	50V	
		(N355:E, AUS, AR, MX, PX/N355K:E, SP, MY, TH, IA)				
C49	1-136-160-00	METALIZED FILM	0.039uF	5%	50V	
						(D570)
C50	1-136-159-00	METALIZED FILM	0.033uF	5%	50V	
		(N355:E, AUS, AR, MX, PX/N355K:E, SP, MY, TH, IA)				
C50	1-136-160-00	METALIZED FILM	0.039uF	5%	50V	
						(D570)
C51	1-162-600-11	CERAMIC	4700PF	30%	16V	
						(D570)
C52	1-162-600-11	CERAMIC	4700PF	30%	16V	
						(D570)
C53	1-126-964-11	ELECT	10uF	20%	50V	
C54	1-126-157-11	ELECT	10uF	20%	16V	
C55	1-126-964-11	ELECT	10uF	20%	50V	
C56	1-126-964-11	ELECT	10uF	20%	50V	
C57	1-164-159-21	CERAMIC	0.1uF		50V	F
C58	1-162-306-11	CERAMIC	10000PF	30%	16V	
C59	1-164-159-21	CERAMIC	0.1uF		50V	F
C61	1-164-159-21	CERAMIC	0.1uF		50V	F
C62	1-126-967-11	ELECT	47uF	20%	16V	
C63	1-164-159-21	CERAMIC	0.1uF		50V	F
C64	1-124-902-00	ELECT	0.47uF	20%	50V	
C65	1-124-903-11	ELECT	1.0uF	20%	50V	
C66	1-124-903-11	ELECT	1.0uF	20%	50V	
C67	1-126-964-11	ELECT	10uF	20%	50V	
C68	1-162-306-11	CERAMIC	10000PF	30%	16V	
C69	1-162-306-11	CERAMIC	10000PF	30%	16V	
C70	1-162-306-11	CERAMIC	10000PF	30%	16V	
C71	1-162-306-11	CERAMIC	10000PF	30%	16V	
C73	1-162-306-11	CERAMIC	10000PF	30%	16V	
C74	1-126-964-11	ELECT	10uF	20%	50V	
		< FILTER >				
CF1	1-567-389-11	FILTER, CERAMIC				
CF2	1-567-389-11	FILTER, CERAMIC				
		< CONNECTOR >				
* CN1	1-568-832-11	SOCKET, CONNECTOR 13P				
		< DIODE >				
D1	8-719-933-33	DIODE	HZS6A1L			
D2	8-719-987-63	DIODE	1N4148M			

Ref.No.	Part No.	Description				Remark
		< FRONTEND >				
FE1	1-233-533-11	ENCAPSULATED COMPONENT				
FE2	1-239-260-11	ENCAPSULATED COMPONENT				
		< IC >				
IC1	8-759-288-54	IC	LC72130			
IC2	8-759-176-03	IC	LA1835			
		< IFT >				
IFT41	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)				
		< COIL >				
L41	1-410-119-11	MICRO INDUCTOR (EL TYPE)				
		< FILTER >				
LPF41	1-239-845-11	FILTER, LOW PASS (D570)				
LPF42	1-239-845-11	FILTER, LOW PASS (D570)				
		< TRANSISTOR >				
Q1	8-729-230-99	TRANSISTOR	2SC2669OY			
Q2	8-729-230-99	TRANSISTOR	2SC2669OY			
Q3	8-729-230-99	TRANSISTOR	2SC2669OY			
Q4	8-729-230-99	TRANSISTOR	2SC2669OY			
Q5	8-729-422-57	TRANSISTOR	UN4111			
		< RESISTOR >				
R1	1-249-401-11	CARBON	47	5%	1/4W	F
R2	1-249-411-11	CARBON	330	5%	1/4W	
R3	1-249-411-11	CARBON	330	5%	1/4W	
R5	1-249-411-11	CARBON	330	5%	1/4W	
R6	1-247-863-91	CARBON	22K	5%	1/4W	
R7	1-249-411-11	CARBON	330	5%	1/4W	
R8	1-249-411-11	CARBON	330	5%	1/4W	
R9	1-247-863-91	CARBON	22K	5%	1/4W	
R10	1-249-411-11	CARBON	330	5%	1/4W	
R11	1-247-863-91	CARBON	22K	5%	1/4W	
R12	1-249-411-11	CARBON	330	5%	1/4W	
R13	1-249-411-11	CARBON	330	5%	1/4W	
R14	1-247-863-91	CARBON	22K	5%	1/4W	
R15	1-249-429-11	CARBON	10K	5%	1/4W	
R16	1-249-437-11	CARBON	47K	5%	1/4W	
R19	1-249-399-11	CARBON	33	5%	1/4W	F
R21	1-247-807-31	CARBON	100	5%	1/4W	
R22	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R23	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R24	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R25	1-247-807-31	CARBON	100	5%	1/4W	
R26	1-249-411-11	CARBON	330	5%	1/4W	
R27	1-249-425-11	CARBON	4.7K	5%	1/4W	F

TCB

Ref.No.	Part No.	Description					Remark
R28	1-249-423-11	CARBON	3.3K	5%	1/4W	F	
R29	1-249-417-11	CARBON	1K	5%	1/4W	F	
R30	1-249-417-11	CARBON	1K	5%	1/4W	F	
R31	1-249-417-11	CARBON	1K	5%	1/4W	F	
R32	1-249-417-11	CARBON	1K	5%	1/4W	F	
R33	1-247-807-31	CARBON	100	5%	1/4W		
R34	1-249-429-11	CARBON	10K	5%	1/4W		
R35	1-249-429-11	CARBON	10K	5%	1/4W		
R36	1-249-437-11	CARBON	47K	5%	1/4W		
R37	1-249-417-11	CARBON	1K	5%	1/4W	F	
R41	1-249-429-11	CARBON	10K	5%	1/4W		
R43	1-249-421-11	CARBON	2.2K	5%	1/4W		
R44	1-249-421-11	CARBON	2.2K	5%	1/4W		
R46	1-249-442-11	CARBON	510	5%	1/4W		
R47	1-249-403-11	CARBON	68	5%	1/4W	F	
R48	1-249-423-11	CARBON	3.3K	5%	1/4W	F	
R49	1-249-393-11	CARBON	10	5%	1/4W	F	
R50	1-249-429-11	CARBON	10K	5%	1/4W		
R51	1-249-441-11	CARBON	100K	5%	1/4W		
R52	1-249-429-11	CARBON	10K	5%	1/4W		
R53	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
R54	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
		< VARIABLE RESISTOR >					
RV41	1-238-600-11	RES, ADJ, CARBON 10K					
RV42	1-238-601-11	RES, ADJ, CARBON 22K					
		< TERMINAL >					
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA)					
		< VIBRATOR >					
X21	1-567-713-11	VIBRATOR, CRYSTAL (4.5MHz)					(N355K:TH)
X21	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)					(EXCEPT N355K:TH)
X41	1-577-075-11	OSCILLATOR, CERAMIC (456KHz)					
X42	1-760-220-11	FILTER, CERAMIC (10.7MHz)					
X43	1-527-981-00	FILTER, CERAMIC (450KHz)					

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Ref.No.	Part No.	Description				Remark
*	A-4303-502-A	TCB BOARD, COMPLETE (N355:AEP,UK)				
		**********				
*	A-4303-503-A	TCB BOARD, COMPLETE (N355:IT,G)				
		**********				
*	A-4303-504-A	TCB BOARD, COMPLETE (N355:EE)				
		**********				
*	A-4303-507-A	TCB BOARD, COMPLETE (N355K:EA)				
		**********				
		< CAPACITOR >				
C1	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	
C2	1-126-967-11	ELECT	47uF	20%	16V	
C3	1-163-038-91	CERAMIC CHIP	0.1uF		25V	
C5	1-163-031-11	CERAMIC CHIP	0.01uF		50V	
C6	1-163-038-91	CERAMIC CHIP	0.1uF		25V	
C7	1-101-004-00	CERAMIC	0.01uF		50V	(N355:EE/N355K:EA)
C8	1-163-031-11	CERAMIC CHIP	0.01uF		50V	
C9	1-163-031-11	CERAMIC CHIP	0.01uF		50V	
C10	1-163-031-11	CERAMIC CHIP	0.01uF		50V	
C11	1-216-295-91	CONDUCTOR, CHIP (2012)				(N355:IT,G)
C11	1-163-038-91	CERAMIC CHIP	0.1uF		50V	(N355K:EA)
C14	1-163-038-91	CERAMIC CHIP	0.1uF		50V	(N355K:EA)
C15	1-136-162-00	FILM	0.056uF	5%	50V	(N355K:EA)
C16	1-163-038-91	CERAMIC CHIP	0.1uF		25V	
C17	1-163-031-11	CERAMIC CHIP	0.01uF		50V	(N355K:EA)
C18	1-163-088-00	CERAMIC CHIP	5PF	0.25PF	50V	(N355K:EA)
C19	1-163-249-11	CERAMIC CHIP	82PF	5%	50V	(N355:AEP,UK,EE)
C21	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	
C22	1-163-031-11	CERAMIC CHIP	0.01uF		50V	
C23	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C24	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	
C26	1-126-967-11	ELECT	47uF	20%	16V	
C28	1-126-967-11	ELECT	47uF	20%	16V	
C29	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C30	1-124-925-11	ELECT	2.2uF	20%	100V	
C31	1-163-031-11	CERAMIC CHIP	0.01uF		50V	
C32	1-163-038-91	CERAMIC CHIP	0.1uF		25V	
C33	1-163-038-91	CERAMIC CHIP	0.1uF		25V	
C34	1-163-091-00	CERAMIC CHIP	8PF		50V	(N355:IT,G/N355K:EA)
C34	1-163-229-11	CERAMIC CHIP	12PF	5%	50V	(N355:AEP,UK,EE)
C35	1-163-038-91	CERAMIC CHIP	0.1uF		25V	

Ref. No.	Part No.	Description			Remark
C36	1-163-141-00	CERAMIC CHIP	0.001uF	5% 50V	
C37	1-163-141-00	CERAMIC CHIP	0.001uF	5% 50V	
C38	1-162-211-31	CERAMIC CHIP	33PF	5% 50V	(N355K:EA)
C39	1-163-141-00	CERAMIC CHIP	0.001uF	5% 50V	
C40	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C41	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C42	1-163-038-91	CERAMIC CHIP	0.1uF	25V	
C43	1-163-038-91	CERAMIC CHIP	0.1uF	25V	
C44	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C45	1-163-038-91	CERAMIC CHIP	0.1uF	25V	
C46	1-163-077-00	CERAMIC CHIP	0.1uF	10% 25V	
C47	1-126-967-11	ELECT	47uF	20% 16V	
C48	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C49	1-124-902-00	ELECT	0.47uF	20% 50V	
C50	1-124-903-11	ELECT	1.0uF	20% 50V	
C51	1-124-903-11	ELECT	1.0uF	20% 50V	
C52	1-126-964-11	ELECT	10uF	20% 50V	
C53	1-126-964-11	ELECT	10uF	20% 50V	
C54	1-126-157-11	ELECT	10uF	20% 16V	
C55	1-126-157-11	ELECT	10uF	20% 16V	
C56	1-126-157-11	ELECT	10uF	20% 16V	
C57	1-163-017-00	CERAMIC CHIP	0.0047uF	5% 50V	(N355)
C58	1-163-017-00	CERAMIC CHIP	0.0047uF	5% 50V	(N355)
C59	1-163-809-11	CERAMIC CHIP	0.047uF	10% 25V	(N355:AEP, UK, IT, G)
C59	1-163-989-11	CERAMIC CHIP	0.033uF	10% 25V	(N355:EE/N355K:EA)
C60	1-163-809-11	CERAMIC CHIP	0.047uF	10% 25V	(N355:AEP, UK, IT, G)
C60	1-163-989-11	CERAMIC CHIP	0.033uF	10% 25V	(N355:EE/N355K:EA)
C61	1-126-301-11	ELECT	1uF	20% 50V	
C62	1-163-141-00	CERAMIC CHIP	0.001uF	5% 50V	
C63	1-163-017-00	CERAMIC CHIP	0.0047uF	5% 50V	
C64	1-126-967-11	ELECT	47uF	20% 16V	
C65	1-163-031-11	CERAMIC CHIP	0.01uF	50V	
C66	1-126-162-11	ELECT	3.3uF	20% 50V	
C67	1-126-933-11	ELECT	100uF	20% 10V	
C68	1-162-306-11	CERAMIC	0.01uF	30% 16V	
C71	1-162-306-11	CERAMIC	0.01uF	30% 16V	
C72	1-126-967-11	ELECT	47uF	20% 16V	
C120	1-163-105-00	CERAMIC CHIP	33PF	5% 50V	(N355:AEP, UK, IT, G)
		< FILTER >			
CF1	1-567-389-11	FILTER, CERAMIC (N355:EE/N355K:EA)			
CF1	1-579-374-71	FILTER, CERAMIC (N355:AEP, UK, IT, G)			
CF2	1-760-393-11	FILTER, CERAMIC (N355:AEP, UK, IT, G)			
CF3	1-567-389-11	FILTER, CERAMIC (N355:EE/N355K:EA)			
CF3	1-760-393-11	FILTER, CERAMIC (N355:AEP, UK, IT, G)			

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
* CN1	1-568-834-11	SOCKET, CONNECTOR 15P	
		< TRIMMER >	
CV1	1-141-227-00	TRIMMER (N355K:EA)	
CV2	1-141-227-00	TRIMMER (N355K:EA)	
		< DIODE >	
D1	8-719-976-30	DIODE KV1560N (N355K:EA)	
D21	8-719-976-99	DIODE DTZ5.1B	
D41	8-719-016-74	DIODE 1SS352	
		< FRONTEND >	
FE1	1-193-385-11	FRONT END (3 GANG) (N355:EE)	
FE1	1-233-532-11	ENCAPSULATED COMPONENT (N355K:EA)	
FE1	1-233-542-11	FRONT END (4 GANG) (N355:AEP, UK, IT, G)	
FE2	1-233-514-11	ENCAPSULATED COMPONENT (N355:AEP, UK, EE)	
FE2	1-239-260-11	ENCAPSULATED COMPONENT (N355:IT, G)	
FE2	1-239-262-11	ENCAPSULATED COMPONENT (N355K:EA)	
		< IC >	
IC21	8-759-288-54	IC LC72130	
IC41	8-759-176-03	IC LA1835	
		< IFT >	
IFT41	1-409-636-11	TRANSFORMER, IF (CERAMIC FILTER)	
		< JUMPER RESISTOR >	
JR1	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:IT, G)
JR2	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:AEP, UK, EE)
JR3	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:IT, G)
JR6	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:AEP, UK, IT, G)
JR7	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:IT, G)
JR8	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:AEP, UK, EE)
JR9	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:AEP, UK, EE)
JR12	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355K:EA)
JR13	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355K:EA)
JR45	1-216-295-11	METAL CHIP 0 5% 1/10W	
JR46	1-216-296-11	METAL CHIP 0 5% 1/8W	
JR47	1-216-295-11	METAL CHIP 0 5% 1/10W	
JR48	1-216-295-11	METAL CHIP 0 5% 1/10W	
JR49	1-216-296-11	METAL CHIP 0 5% 1/8W	
JR50	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355K:EA)
JR51	1-216-295-11	METAL CHIP 0 5% 1/10W	
JR52	1-216-295-11	METAL CHIP 0 5% 1/10W	

TCB

Ref. No.	Part No.	Description	Remark
JR53	1-216-296-11	METAL CHIP 0 5% 1/8W	
JR54	1-216-295-11	METAL CHIP 0 5% 1/10W	
		< JUMPER RESISTOR >	
JW4	1-249-413-11	CARBON 470 5% 1/4W	(N355:AEP, UK, IT, G)
JW5	1-249-413-11	CARBON 470 5% 1/4W	(N355:AEP, UK, IT, G)
		< COIL >	
L1	1-410-521-11	MICRO INDUCTOR 100uH	(N355K:EA)
L2	1-414-142-11	MICRO INDUCTOR 1uH	(N355:AEP, UK, IT, G)
L3	1-410-521-11	MICRO INDUCTOR 100uH	
L4	1-410-515-11	INDUCTOR 33uH	(N355:AEP, UK, IT, G)
L41	1-407-500-00	MICRO INDUCTOR 4.7mH	(N355:AEP, UK, EE)
L41	1-410-119-11	MICRO INDUCTOR (EL TYPE) 1mH	(N355:IT, G/N355K:EA)
		< FILTER >	
LPF41	1-239-845-11	FILTER, LOW PASS (N355)	
LPF42	1-239-845-11	FILTER, LOW PASS (N355)	
		< TRANSISTOR >	
Q1	8-729-201-27	TRANSISTOR 2SC2715-Y	
Q2	8-729-201-27	TRANSISTOR 2SC2715-Y	
Q3	8-729-201-27	TRANSISTOR 2SC2715-Y	
Q4	8-729-201-27	TRANSISTOR 2SC2715-Y	
Q5	8-729-424-08	TRANSISTOR UN2111	
Q8	8-729-033-67	TRANSISTOR 2SK211-Y-TE85L	(N355K:EA)
Q9	8-729-216-22	TRANSISTOR 2SA812-M5M6	(N355:AEP, UK, EE/N355K:EA)
Q10	8-729-216-22	TRANSISTOR 2SA812-M5M6	(N355K:EA)
Q11	8-729-421-22	TRANSISTOR UN2211	(N355:AEP, UK, EE)
Q12	8-729-421-22	TRANSISTOR UN2211	(N355:AEP, UK, EE/N355K:EA)
Q13	8-729-421-22	TRANSISTOR UN2211	(N355:AEP, UK, EE/N355K:EA)
Q14	8-729-421-22	TRANSISTOR UN2211	(N355:AEP, UK, EE/N355K:EA)
		< RESISTOR >	
R1	1-249-401-11	CARBON 47 5% 1/4W F	
R2	1-216-037-00	METAL CHIP 330 5% 1/10W	
R3	1-216-037-00	METAL CHIP 330 5% 1/10W	
R5	1-216-037-00	METAL CHIP 330 5% 1/10W	
R6	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R7	1-216-037-00	METAL CHIP 330 5% 1/10W	
R8	1-216-037-00	METAL CHIP 330 5% 1/10W	
R9	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R10	1-216-037-00	METAL CHIP 330 5% 1/10W	
R11	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R12	1-216-037-00	METAL CHIP 330 5% 1/10W	
R13	1-216-037-00	METAL CHIP 330 5% 1/10W	
R14	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R18	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	(N355K:EA)
R18	1-216-073-00	METAL CHIP 10K 5% 1/10W	(N355:AEP, UK, EE)
R19	1-216-073-00	METAL CHIP 10K 5% 1/10W	(N355:AEP, UK, EE/N355K:EA)
R20	1-216-121-91	METAL CHIP 1M 5% 1/10W	(N355K:EA)
R21	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	
R22	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	
R23	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	
R24	1-216-025-11	METAL CHIP 100 5% 1/10W	
R25	1-249-417-11	CARBON 1K 5% 1/4W F	
R26	1-249-437-11	CARBON 47K 5% 1/4W	
R27	1-249-429-11	CARBON 10K 5% 1/4W	
R28	1-249-417-11	CARBON 1K 5% 1/4W F	
R29	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R30	1-216-186-00	METAL CHIP 330 5% 1/8W	
R31	1-216-025-11	METAL CHIP 100 5% 1/10W	
R32	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R33	1-249-425-11	CARBON 4.7K 5% 1/4W F	
R34	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R35	1-216-214-00	METAL CHIP 4.7K 5% 1/8W	
R36	1-216-025-11	METAL CHIP 100 5% 1/10W	
R37	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R38	1-216-089-11	METAL CHIP 47K 5% 1/10W	
R39	1-249-429-11	CARBON 10K 5% 1/4W	
R42	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R43	1-216-042-00	METAL CHIP 510 5% 1/10W	
R44	1-216-021-00	METAL CHIP 68 5% 1/10W	
R45	1-249-423-11	CARBON 3.3K 5% 1/4W F	
R46	1-216-073-00	METAL CHIP 10K 5% 1/10W	
R47	1-216-097-11	METAL CHIP 100K 5% 1/10W	
R48	1-249-417-11	CARBON 1K 5% 1/4W F	(N355)
R48	1-249-423-11	CARBON 3.3K 5% 1/4W	(N355K:EA)
R49	1-216-049-11	METAL CHIP 1.0K 5% 1/10W	(N355)
R49	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	(N355K:EA)
R50	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R51	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R53	1-249-429-11	CARBON 10K 5% 1/4W	
R54	1-249-399-11	CARBON 33 5% 1/4W	(N355K:EA)
R55	1-216-162-00	METAL CHIP 33 5% 1/8W	
R56	1-249-393-11	CARBON 10 5% 1/4W F	
R91	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	(N355K:EA)
R91	1-216-295-11	METAL CHIP 0 5% 1/10W	(N355:AEP, UK, EE)
R92	1-216-073-00	METAL CHIP 10K 5% 1/10W	(N355:AEP, UK, EE/N355K:EA)
R93	1-216-073-00	METAL CHIP 10K 5% 1/10W	(N355K:EA)
R94	1-216-073-00	METAL CHIP 10K 5% 1/10W	(N355K:EA)

Ref. No.	Part No.	Description	Remark
		< VARIABLE RESISTOR >	
RV41	1-238-601-11	RES, ADJ, CARBON 22K	
RV42	1-238-600-11	RES, ADJ, CARBON 10K	
		< COIL >	
T1	1-409-505-11	COIL (ANT, SW3) (N355K:EA)	
T2	1-402-960-11	COIL (OSC, SW3) (N355K:EA)	
		< TERMINAL >	
TM1	1-537-238-21	TERMINAL BOARD (ANTENNA) (N355K:EA)	
TM1	1-537-488-11	TERMINAL BOARD (ANT) (ANTENNA) (N355)	
		< VIBRATOR >	
X21	1-760-549-11	VIBRATOR, CRYSTAL (4.5MHz)	
X41	1-760-220-11	FILTER, CERAMIC (10.7MHz)	
X42	1-527-981-00	FILTER, CERAMIC (450KHz)	
X43	1-577-075-11	OSCILLATOR, CERAMIC (456KHz)	
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*	1-659-218-11	TRANS BOARD	
		**********	
		< FUSE HOLDER >	
FH1601	1-533-217-31	HOLDER, FUSE	
FH1602	1-533-217-31	HOLDER, FUSE	
FH1603	1-533-217-31	HOLDER, FUSE	
FH1604	1-533-217-31	HOLDER, FUSE	
		< CAPACITOR >	
C1600	1-164-159-21	CERAMIC 0.1uF 50V	
C1601	1-164-159-21	CERAMIC 0.1uF 50V	
		< CONNECTOR >	
CN1601	1-535-139-00	BASE POST 14MM (10MM PITCH) 2P (N355:E, MX, AR, AUS, PX/N355K:E, EA, TH, IA)	
CN1601	1-774-108-11	PIN, CONNECTOR (PC BOARD) (D570/N355:AEP, UK, G, IT, EE/N355K:MY, SP)	
CN1604	1-564-524-11	PLUG, CONNECTOR 9P	
		< FUSE >	
⚠F1603	1-532-350-00	FUSE, TIME LAG (T4A/250V) (N355:E, MX, AR, PX/N355K:E, EA, SP, IA)	
⚠F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5) (5A/125V)	(D570)
⚠F1604	1-532-259-00	FUSE, TIME LAG (T1.6A/250V) (N355:AEP, UK, G, IT, EE, E, AR, AUS, PX/N355K)	
		< RESISTOR >	
⚠R1600	1-202-725-00	SOLID 3.3M 10% 1/2W	(D570)
⚠R1601	1-219-139-11	FUSIBLE 0.68 5% 1/4W F	
⚠R1602	1-219-120-11	FUSIBLE 0.15 5% 1/4W F	
⚠R1603	1-219-120-81	FUSIBLE 0.15 5% 1/4W F	
		< TRANSFORMER >	
⚠T1601	1-429-335-11	TRANSFORMER, POWER (N355:AEP, UK, G, IT, EE)	
⚠T1601	1-429-336-11	TRANSFORMER, POWER (N355:E, MX, AR, AUS, PX/N355K)	
⚠T1601	1-429-337-11	TRANSFORMER, POWER (D570)	
		< SWITCH >	
⚠VS1601	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (N355:E, AR, PX/N355K:E, EA, SP, IA)	
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		MISCELLANEOUS	
		**********	
8	1-751-086-11	WIRE (FLAT TYPE) (13 CORE) (EXCEPT N355:AEP, UK, G, IT, EE)	
8	1-773-012-11	WIRE (FLAT TYPE) (15 CORE) (N355:AEP, UK, G, IT, EE)	
154	1-776-238-11	WIRE (FLAT TYPE) (19 CORE)	
156	1-590-218-11	WIRE (FLAT TYPE) (11 CORE)	
157	1-765-338-11	WIRE (FLAT TYPE) (21 CORE)	
158	1-773-119-11	WIRE (FLAT TYPE) (19 CORE) (D570/N355:AEP, UK, G, IT, EE)	
158	1-773-154-11	WIRE (FLAT TYPE) (21 CORE) (N355:E, MX, AR, AUS, PX)	
158	1-773-220-11	WIRE (FLAT TYPE) (25 CORE) (N355K)	
⚠160	1-569-007-11	ADAPTER, CONVERSION 2P (N355:PX/N355K:E)	
⚠160	1-569-008-21	ADAPTER, CONVERSION 2P (N355K:EA)	
* 357	1-452-538-11	MAGNET	
⚠401	8-848-387-01	OPTICAL PICK-UP KSS-213BA/S-N	
402	1-769-069-11	WIRE (FLAT TYPE) (16 CORE)	
M201	A-4660-977-A	MOTOR ASSY (TABLE)	
⚠CNP16011	-555-750-00	CORD, POWER (N355:AR/N355K:EA)	
⚠CNP16011	-558-943-51	CORD, POWER (N355:E, MX, PX/N355K:E, IA)	
⚠CNP16011	-575-042-21	CORD, POWER (D570)	
⚠CNP16011	-575-651-21	CORD, POWER (N355:AEP, G, IT, EE/N355K:MY, SP)	
⚠CNP16011	-696-966-11	CORD, POWER (N355:AUS)	
⚠CNP16011	-751-326-11	CORD, POWER (N355K:TH)	
⚠CNP16011	-751-529-11	CORD, POWER (N355:UK)	
⚠F1603	1-532-350-00	FUSE, TIME LAG (T4A/250V) (N355:E, MX, AR, PX/N355K:E, EA, SP, IA)	
⚠F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5) (5A/125V)	(D570)
⚠F1604	1-532-259-00	FUSE, TIME LAG (T1.6A/250V) (N355:AEP, UK, G, IT, EE, E, AR, AUS, PX/N355K)	
FL501	1-517-490-21	INDICATOR TUBE, FLUORESCENT	
HP101	1-500-093-11	HEAD, MAGNETIC (PLAYBACK)	
HRPE1011	-500-094-11	HEAD, MAGNETIC (REC/PB/ERASE)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
M1	X-3371-223-1	MOTOR ASSY (CAPSTAN)	
M2	A-2004-410-A	MOTOR ASSY (TRIGGER)	
M101	X-4917-523-4	MOTOR ASSY (SPINDLE)	
M102	X-4917-504-1	MOTOR ASSY (SLED)	
M901	1-698-659-11	FAN, DC (D570)	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)	
⚠T1601	1-429-335-11	TRANSFORMER, POWER (N355:AEP, UK, G, IT, EE)	
⚠T1601	1-429-336-11	TRANSFORMER, POWER (N355:E, MX, AR, AUS, PX/N355K)	
⚠T1601	1-429-337-11	TRANSFORMER, POWER (D570)	
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		ACCESSORIES & PACKING MATERIALS	
		**********	
	1-501-374-11	ANTENNA, LOOP (N355:AEP, UK, G, IT, EE)	
	1-501-804-11	ANTENNA (FM) (N355:AEP, UK, IT, EE)	
	3-810-802-11	MANUAL, INSTRUCTION (ENGLISH) (N355:UK)	
	3-810-802-21	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (N355:AEP)	
	3-810-802-31	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (N355:AEP, IT)	
	3-810-802-41	MANUAL, INSTRUCTION (DANISH, FINNISH) (N355:AEP)	
	3-810-802-51	MANUAL, INSTRUCTION (GERMAN) (N355:G)	
	3-810-802-61	MANUAL, INSTRUCTION (ENGLISH, POLISH, RUSSIAN) (N355:EE)	
*	4-979-300-01	INDIVIDUAL CARTON (N355:AEP, UK, G, IT, EE)	
	4-979-371-01	COVER, BATTERY (for RM-SD50)	
*	4-979-431-01	CUSHION (BOTTOM)	
*	4-980-140-01	CUSHION (UPPER)	
	8-917-537-90	REMOCON RM-SD50//M SET	
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		**********	
		HARDWARE LIST	
		**********	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#3	7-685-871-01	SCREW +BVTT 3X6 (S)	
#4	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
#5	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
#6	7-685-131-19	SCREW +BTP 2.6X4 TYPE2 N-S	
#7	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	
#8	7-621-775-10	SCREW +B 2.6X4	
#9	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S	
#10	7-623-921-01	RING, RETAINING, CAPSTAN	
#11	7-621-775-00	SCREW +B 2.6X3	
#12	7-621-255-15	SCREW +P 2X3	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

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